

Supporting information

Cr oxide coated woodland camouflage textiles for protection of defense target signature in UV-Visible-IR spectrum opposing of hyperspectral and digital imaging

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Table SI 2, absorption value of PA 6,6-Sample-01, scanned by hyperspectral camera at 1000 nm

ObsID 1	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0.2120817
21	0	0	0	0	0	0	0	0	1.1327841
22	0	0	0	0	0	0	0	0.1808683	0.5999838
23	0	0	0	0	0	0	0	1.6538185	0.3617366
24	0	0	0	0	0	0	0	0.657729	0.1315897
25	0	0	0	0	0	0	0	0.3397536	0.1359011
26	0	0	0	0	0	0	0	0.2806281	0.236252
27	0	0	0	0	0	0	0.140314	0.2806281	0.2714034
28	0	0	0	0	0	0	1.0619267	0.298142	0.3985225
29	0	0	0	0	0	0	1.1787305	0.4039767	0.4330584
30	0	0	0	0	0	0	1.338995	0.5037036	0.3742418
31	0	0	0	0	0	0	0.9703471	0.4868463	0.2517575
32	0	0	0	0	0	0	0.939563	0.4521608	0.2509899
33	0	0	0	0	0	0	0.9744953	0.4101482	0.2214765
34	0	0	0	0	0	0	0.8414073	0.3615187	0.1493742
35	0	0	0	0	0	0.3002126	0.7079868	0.3790873	0.185607
36	0	0	0	0	0	0.6514819	0.6004252	0.3083383	0.1026507
37	0	0	0	0	0.8458461	0.5763817	0.7517623	0.2593783	0.1027993
38	0	0	0	1.9276451	0.8181338	1.270692	0.7531257	0.1480662	0.0597503
39	0	0	0.603448	1.2068961	1.214744	0.7856297	0.730726	0.162284	0.067221

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40	0	0	1.5212052	1.3212957	0.603448	0.7581779	1.0095998	0.2105941	0.1103492
41	0	0	1.3272136	2.6408556	0	0.301724	1.583245	0.2091805	0.0429323
42	0	0	0	0	0	0	0.2256675	0.2421544	0.032732
43	0	0	0	0	0	0	4.8296204	0.1728924	-0.01947
44	0	0	0	0	0	0	0.0864462	0.2588026	0.0416818
45	0	0	0	0	0	0	0.0432231	0.4141404	0.0548847
46	0	0	0	0	0	0	0.0216116	0.4994275	0.0740794
47	0	0	0	0	0	0	0.0108058	0.447472	0.1188034
48	0	0	0	0	0	0	0.0054029	0.5262715	0.127006
49	0	0	0	0	0	0	0.0027014	0.8377844	0.1539784
50	0	0	0	0	0	0	0.0013507	0.94315	0.1833337
51	0	0	0	0	0	0	6.75E-04	0.9414153	0.3292417
52	0	0	0	0	0	0	0	1.4929926	0.3805851
53	0	0	0	0	0	0	0	0.1902925	0.4826534
54	0	0	0	0	0	0	0	0.0951463	0.4649519
55	0	0	0	0	0	0	0	0.0475731	0.5086132
56	0	0	0	0	0	0	0	0.0237866	0.5368967
57	0	0	0	0	0	0	0	0.0118933	0.5662858
58	0	0	0	0	0	0	0	0.0059466	0.6038947
59	0	0	0	0	0	0	0	0.0029733	0.6457635
60	0	0	0	0	0	0	0	0.0014867	0.9084399
61	0	0	0	0	0	0	0	7.43E-04	1.0153074
62	0	0	0	0	0	0	0	3.72E-04	1.1207373
63	0	0	0	0	0	0	0	1.86E-04	1.349277
64	0	0	0	0	0	0	0	9.29E-05	1.1596205
65	0	0	0	0	0	0	0	0	1.1495686
66	0	0	0	0	0	0	0	0	0.1604462
67	0	0	0	0	0	0	0	0	0.0802231
68	0	0	0	0	0	0	0	0	0.0401115
69	0	0	0	0	0	0	0	0	0.0200558
70	0	0	0	0	0	0	0	0	0.0100279
71	0	0	0	0	0	0	0	0	0.0050139
72	0	0	0	0	0	0	0	0	0.002507
73	0	0	0	0	0	0	0	0	0.0012535
74	0	0	0	0	0	0	0	0	6.27E-04
75	0	0	0	0	0	0	0	0	3.13E-04
76	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0
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88	0	0	0	0	0	0	0	0	0

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91	0	0	0	0	0	0	0	0	0
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93	0	0	0	0	0	0	0	0	0
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96	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
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99	0	0	0	0	0	0	0	0	0
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104	0	0	0	0	0	0	0	0	0
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106	0	0	0	0	0	0	0	0	0
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108	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0
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126	0	0	0	0	0	0	0	0	0
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153	0	0	0	0	0	0	0	0	0
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187	0	0	0	0	0	0	0	0	0
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236	0	0	0	0	0	0	0	0	0
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244	0	0	0	0	0	0	0	0	0
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251	0	0	0	0	0	0	0	0	0
252	0	0	0	0	0	0	0	0	0
253	0	0	0	0	0	0	0	0	0
254	0	0	0	0	0	0	0	0	0
255	0	0	0	0	0	0	0	0	0
256	0	0	0	0	0	0	0	0	0
257	0	0	0	0	0	0	0	0	0
258	0	0	0	0	0	0	0	0	0
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268	0	0	0	0	0	0	0	0	0
269	0	0	0	0	0	0	0	0	0
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274	0	0	0	0	0	0	0	0	0
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285	0	0	0	0	0	0	0	0	0
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287	0	0	0	0	0	0	0	0	0
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291	0	0	0	0	0	0	0	0	0
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300	0	0	0	0	0	0	0	0	0
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324	0	0	0	0	0	0	0	0	0
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332	0	0	0	0	0	0	0	0	0
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334	0	0	0	0	0	0	0	0	0
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336	0	0	0	0	0	0	0	0	0
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338	0	0	0	0	0	0	0	0	0
339	0	0	0	0	0	0	0	0	0
340	0	0	0	0	0	0	0	0	0
341	0	0	0	0	0	0	0	0	0
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343	0	0	0	0	0	0	0	0	0
344	0	0	0	0	0	0	0	0	0
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346	0	0	0	0	0	0	0	0	0
347	0	0	0	0	0	0	0	0	0
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349	0	0	0	0	0	0	0	0	0
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354	0	0	0	0	0	0	0	0	0
355	0	0	0	0	0	0	0	0	0
356	0	0	0	0	0	0	0	0	0
357	0	0	0	0	0	0	0	0	0
358	0	0	0	0	0	0	0	0	0
359	0	0	0	0	0	0	0	0	0
360	0	0	0	0	0	0	0	0	0
361	0	0	0	0	0	0	0	0	0
362	0	0	0	0	0	0	0	0	0
363	0	0	0	0	0	0	0	0	0
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366	0	0	0	0	0	0	0	0	0
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368	0	0	0	0	0	0	0	0	0
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371	0	0	0	0	0	0	0	0	0
372	0	0	0	0	0	0	0	0	0
373	0	0	0	0	0	0	0	0	0
374	0	0	0	0	0	0	0	0	0
375	0	0	0	0	0	0	0	0	0
376	0	0	0	0	0	0	0	0	0
377	0	0	0	0	0	0	0	0	0.228131
378	0	0	0	0	0	0	0	0	1.9224523
379	0	0	0	0	0	0	0	0	0.4155444
380	0	0	0	0	0	0	0	0	1.7493382
381	0	0	0	0	0	0	0	0	1.0280548
382	0	0	0	0	0	0	0	0	0.6287948

Supporting information

383	0	0	0	0	0	0	0	0	0.7105893
384	0	0	0	0	0	0	0	0	1.0373338
385	0	0	0	0	0	0	0	0	0.9732418
386	0	0	0	0	0	0	0	0	0.6788313
387	0	0	0	0	0	0	0	0	0.7583219
388	0	0	0	0	0	0	0	0	0.9148234
389	0	0	0	0	0	0	0	0	0.7294771
390	0	0	0	0	0	0	0	0	0.416824
391	0	0	0	0	0	0	0	0	0.5016037
392	0	0	0	0	0	0	0	0	0.6276314
393	0	0	0	0	0	0	0	0	0.5027226
394	0	0	0	0	0	0	0	0	0.5135625
395	0	0	0	0	0	0	0	0	0.5649908
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397	0	0	0	0	0	0	0	0	0.4000922
398	0	0	0	0	0	0	0	0	0.4439024
399	0	0	0	0	0	0	0	0	0.4725496
400	0	0	0	0	0	0	0	0	0.4911758
401	0	0	0	0	0	0	0	0	0.5655659
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404	0	0	0	0	0	0	0	0	0.7364573
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406	0	0	0	0	0	0	0	0	0.7808731
407	0	0	0	0	0	0	0	0	0.9059126
408	0	0	0	0	0	0	0	0	0.8968724
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411	0	0	0	0	0	0	0	0	0.8408021
412	0	0	0	0	0	0	0	0	0.6301281
413	0	0	0	0	0	0	0	0	0.9318732
414	0	0	0	0	0	0	0	0	0.9030868
415	0	0	0	0	0	0	0	0	0.7197253
416	0	0	0	0	0	0	0	0	0.6882699
417	0	0	0	0	0	0	0	0	0.5927253
418	0	0	0	0	0	0	0	0	0.7632834
419	0	0	0	0	0	0	0	0	0.6803277
420	0	0	0	0	0	0	0	0	0.7250928
421	0	0	0	0	0	0	0	0	0.7205468
422	0	0	0	0	0	0	0	0	0.6306292
423	0	0	0	0	0	0	0	0	0.6258096
424	0	0	0	0	0	0	0	0	0.4879152
425	0	0	0	0	0	0	0	0	0.4647237
426	0	0	0	0	0	0	0	0	0.3949141
427	0	0	0	0	0	0	0	0	0.5615562
428	0	0	0	0	0	0	0	0	0.897181
429	0	0	0	0	0	0	0	0	0.8413447
430	0	0	0	0	0	0	0	0	0.6543265
431	0	0	0	0	0	0	0	0	0.5764922

Supporting information

432	0	0	0	0	0	0	0	0	0.4772198
433	0	0	0	0	0	0	0	0	0.4539101
434	0	0	0	0	0	0	0	0	0.4533542
435	0	0	0	0	0	0	0	0	0.5271749
436	0	0	0	0	0	0	0	0	0.6871263
437	0	0	0	0	0	0	0	0	0.6921035
438	0	0	0	0	0	0	0	0	0.4914183
439	0	0	0	0	0	0	0	0	0.5884582
440	0	0	0	0	0	0	0	0	0.6383855
441	0	0	0	0	0	0	0	0	0.6147139
442	0	0	0	0	0	0	0	0	0.5240257
443	0	0	0	0	0	0	0	0	0.456029
444	0	0	0	0	0	0	0	0	0.367078
445	0	0	0	0	0	0	0	0	0.5801963
446	0	0	0	0	0	0	0	0	0.5933384
447	0	0	0	0	0	0	0	0	0.430521
448	0	0	0	0	0	0	0	0	0.4795739
449	0	0	0	0	0	0	0	0	0.6601901
450	0	0	0	0	0	0	0	0	1.0021365
451	0	0	0	0	0	0	0	0	0.8391783
452	0	0	0	0	0	0	0	0	0.6287948
453	0	0	0	0	0	0	0	0	0.6268024
454	0	0	0	0	0	0	0	0	0.6390666
455	0	0	0	0	0	0	0	0	0.4825346
456	0	0	0	0	0	0	0	0	0.3520382
457	0	0	0	0	0	0	0	0	0.4897236
458	0	0	0	0	0	0	0	0	0.4993744
459	0	0	0	0	0	0	0	0	0.4215483
460	0	0	0	0	0	0	0	0	0.4140748
461	0	0	0	0	0	0	0	0	0.5060968
462	0	0	0	0	0	0	0	0	0.6002954
463	0	0	0	0	0	0	0	0	0.5883065
464	0	0	0	0	0	0	0	0.229867	0.467355
465	0	0	0	0	0	0	0	1.899274	0.459734
466	0	0	0	0	0	0	0	0.2010312	0.4621083
467	0	0	0	0	0	0	0	0.1005156	0.4020624
468	0	0	0	0	0	0	0	0.251289	0.4763989
469	0	0	0	0	0	0	0	2.2530305	0.5467033
470	0	0	0	0	0	0	0	1.1927031	0.4892406
471	0	0	0	0	0	0	0	0.775153	0.3878816
472	0	0	0	0	0	0	0	0.7989334	0.4366787
473	0	0	0	0	0	0	0	0.7607542	0.3680811
474	0	0	0	0	0	0	0	0.7016843	0.3567269
475	0	0	0	0	0	0	0	0.5943024	0.2703815
476	0	0	0	0	0	0	0	0.4680499	0.2207605
477	0	0	0	0	0	0	0	0.5496549	0.2846105
478	0	0	0	0	0	0	0	0.6386918	0.3168953
479	0	0	0	0	0	0	0	0.5776536	0.3149521
480	0	0	0	0	0	0	0	0.4000764	0.1897048

Supporting information

481	0	0	0	0	0	0	0	0.4563338	0.2723545
482	0	0	0	0	0	0	0	0.4895292	0.2917505
483	0	0	0	0	0	0	0.1848516	0.498053	0.2794431
484	0	0	0	0	0	0	1.7216479	0.3697032	0.1747086
485	0	0	0	0	0	0	0.7772248	0.3896494	0.1883145
486	0	0	0	0	0	0	0.8138523	0.4411885	0.2970673
487	0	0	0	0	0	0	1.0208359	0.400176	0.2832565
488	0	0	0	0	0	0	0.9918901	0.4226558	0.2793687
489	0	0	0	0	0	0	0.7305099	0.3649025	0.3132588
490	0	0	0	0	0	0	0.7247154	0.535284	0.3327626
491	0	0	0	0	0	0	0.9251214	0.5778036	0.4360377
492	0	0	0	0	0	0	1.1156262	0.4808096	0.48912
493	0	0	0	0	0	0	1.5592911	0.5584541	0.4988806
494	0	0	0	0	0	0	0.279227	0.7437314	0.4789842
495	0	0	0	0	0	0	0.1396135	0.8407952	0.3960811
496	0	0	0	0	0	0	0.0698068	0.7229314	0.4326345
497	0	0	0	0	0	0	0.0349034	0.6672014	0.4047364
498	0	0	0	0	0	0	0.0174517	0.6819996	0.4745283
499	0	0	0	0	0	0	0.0087258	0.5770547	0.5091182
500	0	0	0	0	0	0	0.2571012	0.5054767	0.3093334
501	0	0	0	0	0	0	1.8211268	0.6132382	0.3470515
502	0	0	0	0	0	0	0.3066191	0.7214682	0.3741492
503	0	0	0	0	0	0	0.1533096	0.7976881	0.4312596
504	0	0	0	0	0	0	0.0766548	0.7322432	0.4067278
505	0	0	0	0	0	0	0.0383274	0.5152301	0.304338
506	0	0	0	0	0	0	0.0191637	0.5645177	0.4026552
507	0	0	0	0	0	0	0.0095818	0.6998935	0.3841706
508	0	0	0	0	0	0	0.0047909	0.8759649	0.4921467
509	0	0	0	0	0	0	0.0023955	0.7566618	0.3383536
510	0	0	0	0	0	0	0.0011977	0.6272879	0.3186028
511	0	0	0	0	0	0	5.99E-04	0.6971225	0.4318936
512	0	0	0	0	0	0	2.99E-04	0.6418073	0.3037865
513	0	0	0	0	0	0	1.50E-04	0.9645271	0.3377572
514	0	0	0	0	0	0	7.49E-05	0.8438271	0.2426341
515	0	0	0	0	0	0	0	2.1093423	0.2365217
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518	0	0	0	0	0	0	0	0.0295652	0.6174614
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522	0	0	0	0	0	0	0	0	1.2638344
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524	0	0	0	0	0	0	0	0	0.0442073
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529	0	0	0	0	0	0	0	0	0

Supporting information

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560	0	0	0	0	0	0	0	0	0
561	0	0	0	0	0	0	0	0	0
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Supporting information

10	11	12	13	14	15	16	17	18	19
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.1814286	1.240587
0	0	0	0	0	0	0.0190779	0.8829322	0.5594151	0.3628572
0	0	0	0	0	0.0381558	0.7872187	0.4770589	0.308766	0.2618544
0	0	0	0	0.0763117	0.7395391	0.4407238	0.4160589	0.2930849	0.2608029
0	0	0	0.1526234	0.9028526	0.4986851	0.3584751	0.3773864	0.4154023	0.4158197
0	0	0.3052468	1.1444224	0.5422853	0.3718039	0.3661505	0.3764578	0.531347	0.5850698
0	1.6520847	0.7145444	0.6104935	0.3431638	0.3137946	0.3288968	0.5144062	0.5912195	0.5587047
2.3091152	0.6659997	0.5053107	0.4850826	0.3525242	0.3854727	0.3951934	0.5164503	0.4731016	0.4177248
0.6855958	0.4590708	0.3834364	0.4030613	0.3195216	0.4517826	0.4624253	0.4163639	0.3230078	0.2845453
0.4241634	0.296564	0.2901798	0.3203066	0.3404537	0.4728647	0.406013	0.2827044	0.1914965	0.1350569
0.2908992	0.2152453	0.276973	0.3761779	0.3740567	0.4498063	0.3466075	0.2322961	0.1133968	-0.003391
0.1998338	0.1692047	0.2767538	0.4397777	0.4051554	0.3144358	0.2075521	0.0928667	0.0890824	0.0325418
0.0472489	0.1713283	0.3638991	0.5005599	0.4280927	0.2081702	0.1094593	0.0262133	0.0769351	0.005541
0.1254417	0.3109234	0.5125412	0.4655713	0.2841531	0.1249828	0.0642318	0.0060636	0.0271641	0.0299418
0.2869546	0.4525358	0.4627148	0.3085987	0.1548967	0.0416771	-0.018743	-0.017146	-0.052314	-0.044552
0.3803067	0.4383682	0.3444341	0.1780996	0.1709399	0.0991162	0.0198118	-0.008554	-0.047481	-0.046799
0.4689528	0.354627	0.2484777	0.0955441	0.0636848	0.0295217	-0.053193	-0.075716	-0.085757	-0.027804
0.4241634	0.313071	0.1897404	0.0885761	0.0105576	-0.058996	-0.060064	-0.047435	-0.089245	-0.055166
0.3106899	0.2425001	0.1603866	0.0952051	-0.016099	-0.019357	-0.031542	-0.067884	-0.011086	-0.036365
0.1896844	0.1500528	0.0589499	0.0318139	-0.049135	-0.032687	-0.056063	-0.09653	-0.048995	-0.100995
0.1535638	0.0611433	0.0113993	-0.00151	-0.006787	0.0142681	0.0179904	-0.045719	-0.07863	-0.093442
0.0521534	-0.027506	-0.051634	-0.079916	-0.05437	-0.028483	-0.004366	-0.08948	-0.098383	-0.125665
0.0692556	0.0588726	0.0391062	-0.029345	-0.030638	-0.069361	-0.055825	-0.090589	-0.091587	-0.147863
0.1524891	0.1303465	0.0578013	0.0071765	-0.066016	-0.076364	-0.060435	-0.051055	-0.050435	-0.100995
0.0714064	0.0284759	-0.033212	4.20E-05	-0.05051	-0.097126	-0.106794	-0.119808	-0.110534	-0.165374
0.0373428	-0.033506	-0.036952	-0.026026	-0.008794	-0.068764	-0.086858	-0.132923	-0.094194	-0.146467
0.006726	-0.062963	-0.0615	-0.07116	-0.083984	-0.14886	-0.13753	-0.16013	-0.144519	-0.126584
0.0413919	-0.017714	-0.034462	-0.080691	-0.093848	-0.151337	-0.130213	-0.154949	-0.180601	-0.199189

Supporting information

-0.004477	-0.063767	-0.083079	-0.091531	-0.112719	-0.116047	-0.113112	-0.1006	-0.139501	-0.169319
-0.075683	-0.090674	-0.106033	-0.08691	-0.125207	-0.155489	-0.165202	-0.158509	-0.182323	-0.185501
-0.018534	-0.069158	-0.050467	-0.044695	-0.103584	-0.11315	-0.131961	-0.134556	-0.173518	-0.195679
-0.016854	-0.106283	-0.094909	-0.12099	-0.15329	-0.134208	-0.157181	-0.132722	-0.152359	-0.148682
0.0039082	-0.039602	-0.087995	-0.10918	-0.115003	-0.142297	-0.175076	-0.173591	-0.194579	-0.173717
-0.029408	-0.049472	-0.111774	-0.103642	-0.116627	-0.139316	-0.15764	-0.175651	-0.197638	-0.185852
-0.004555	-0.045683	-0.094785	-0.103611	-0.148304	-0.165352	-0.157694	-0.195188	-0.196515	-0.133021
0.0385579	-0.076406	-0.098064	-0.068612	-0.123208	-0.12328	-0.149641	-0.160669	-0.169581	-0.173923
0.0472932	-0.0636	-0.125237	-0.102998	-0.117775	-0.139626	-0.189941	-0.151332	-0.148962	-0.18261
0.0389492	0.0164296	-0.044617	-0.070962	-0.082361	-0.150485	-0.157747	-0.157615	-0.171295	-0.1514
0.0737563	0.0163087	-0.029005	-0.083651	-0.078517	-0.135661	-0.108398	-0.104357	-0.137993	-0.151102
0.1354832	0.0349838	-0.013636	-0.055811	-0.115122	-0.13355	-0.111676	-0.128334	-0.150269	-0.131974
0.1450954	-0.001905	0.009303	-0.034223	-0.085222	-0.093096	-0.126435	-0.149843	-0.129888	-0.142778
0.1535638	0.045621	-0.013823	-0.059826	-0.059476	-0.086582	-0.09503	-0.112949	-0.090932	-0.109614
0.1662053	0.0733669	0.0347751	-0.04329	-0.057893	-0.088743	-0.100076	-0.102113	-0.11842	-0.122404
0.1836945	0.0581626	0.0309013	-0.04669	-0.082393	-0.074272	-0.048262	-0.095092	-0.12302	-0.146357
0.1955708	0.0783079	0.0760013	0.0299772	-0.040055	-0.046495	-0.070269	-0.102945	-0.111665	-0.123648
0.2172514	0.05834	0.0611229	0.0608307	-1.70E-05	-0.031025	-0.100137	-0.094182	-0.102927	-0.10659
0.2306367	0.1039422	0.0201701	0.0122652	-0.022515	-0.053977	-0.108065	-0.089702	-0.096909	-0.125953
0.2597958	0.1695484	0.0958635	-2.69E-04	-0.042089	-0.03785	-0.096925	-0.099393	-0.145043	-0.09889
0.2839622	0.1248839	0.1034912	-0.028982	-0.048549	-0.028228	-0.045479	-0.055401	-0.144629	-0.125895
0.2739095	0.1011431	0.0933664	0.0085224	-0.041213	-0.042212	-0.043275	-0.034269	-0.099577	-0.103484
0.2626258	0.1179601	0.064067	0.0497918	0.0263241	-0.010679	-0.065663	-0.058956	-0.114893	-0.102059
0.3413472	0.1785217	0.0690187	0.0530742	0.0457578	0.0015176	-0.102286	-0.086902	-0.108772	-0.095852
0.3461736	0.1876246	0.1342049	0.0407312	-0.024596	-0.035599	-0.094157	-0.088813	-0.111487	-0.076613
0.3208924	0.1747941	0.1218621	0.0409875	-0.01647	0.0014786	-0.010537	-0.066715	-0.090839	-0.089429
0.4030375	0.1523047	0.1261784	0.0423568	-0.003587	-0.017605	-0.046107	-0.056258	-0.036346	-0.082338
0.4698904	0.1614311	0.1168294	0.0573564	0.0272672	-0.018985	-0.063559	-0.044911	-0.053029	-0.048795
0.5335916	0.2642506	0.1064419	0.0474438	-0.023867	-0.035133	-0.062151	-0.021546	-0.066662	-0.056483
0.4975001	0.2320533	0.0963454	0.009316	-0.051435	-0.041117	-0.077072	-0.07147	-0.112882	-0.092388
0.5560353	0.1603639	0.0502351	-0.00213	-0.028188	-0.005642	-0.021812	-0.056121	-0.078309	-0.0913
0.7388598	0.1966174	0.1067381	0.0310616	-0.023173	-0.005181	-0.011066	-0.026196	-0.021016	-0.086921
0.7792597	0.2523023	0.1701619	0.0827046	0.0206273	-0.033084	-0.047081	-0.030288	-0.055371	-0.080874
1.1252081	0.34594	0.1281452	0.0803126	-0.014797	-0.014908	-0.068816	-0.038679	-0.026873	-0.05235
1.1116288	0.3392828	0.1058502	0.0370322	-0.019945	0.0127037	-0.05562	-0.039178	-0.036841	-0.028344
0.9499311	0.296027	0.1251468	0.0621745	0.0129738	0.0302715	0.001388	-0.039534	-0.04755	-0.044101
1.6140518	0.3616148	0.1991678	0.1012983	0.0229783	0.0023379	-0.011293	-0.003284	-0.013143	-0.071171
0.1808074	0.3815952	0.1987404	0.1356594	0.064847	0.0152739	-0.037519	0.0215994	-0.006528	-0.036329
0.0904037	0.4006818	0.1766099	0.161603	0.0850952	0.0347979	-0.018965	0.0193923	-0.003831	-0.015602
0.0452018	0.4746357	0.2472476	0.158288	0.0832702	0.0380965	-0.017925	-0.014816	-0.037476	-0.036894
0.0226009	0.6685231	0.2873265	0.1565006	0.0876822	0.0778093	0.0189609	-0.023877	-0.032617	-0.063309
0.0113005	0.9384254	0.3072349	0.1157219	0.0766431	0.0341664	0.0083242	0.0157789	0.0304919	-0.034808
0.0056502	0.9507125	0.2316308	0.1167889	0.090332	0.0275699	-0.017144	-0.009203	-0.010186	-0.076967
0	1.0971148	0.2843431	0.1546095	0.0852829	0.0489716	-0.001363	0.0124761	-0.021784	-0.105266
0	0.1421715	0.4588096	0.2258596	0.1030958	0.0410783	0.0069438	8.37E-04	0.0239835	-0.021417
0	0.0710858	0.4669949	0.1871569	0.0721592	0.0372059	0.0200553	-0.058922	-0.026584	-0.03385
0	0.0355429	0.4297047	0.1500272	0.0483786	-0.003217	0.0116153	-0.036211	-0.04475	-0.070192
0	0.0177714	0.3053585	0.1669374	0.0626148	-0.024091	0.0209897	0.0064195	-0.017559	-0.040233
0	0.0088857	0.2416873	0.1196983	0.050972	0.0024943	0.0133302	-0.02443	-0.00838	-0.03774

Supporting information

0	0.0044429	0.3946933	0.1202108	0.0737096	0.0222575	3.78E-04	-0.021509	0.0054129	-0.015639
0	0.0022214	0.5669776	0.1433784	0.1029003	0.0767872	-0.017442	-0.041345	0.0090876	7.83E-04
0	0.0011107	0.6156294	0.1588481	0.0520136	0.0115041	0.01349	-0.017558	-0.010336	-0.054015
0	5.55E-04	0.5039529	0.2116425	0.0454153	0.0071735	0.0524859	-0.006907	0.0045185	-0.044795
0	2.78E-04	0.6746061	0.2410993	0.1425719	0.0535223	0.0464927	-0.034593	-0.028748	-0.062178
0	0	1.6346565	0.3286775	0.1935775	0.0884989	-9.30E-06	-0.057011	-0.037194	-0.051805
0	0	0.1643387	0.3830729	0.2134715	0.1022542	-0.011331	-0.026122	-0.040113	-0.006164
0	0	0.0821694	0.3860888	0.1786656	0.0711164	0.0571462	0.0269179	-0.033757	0.0013987
0	0	0.0410847	0.3695726	0.1524255	0.0989696	0.0485679	-0.025645	-0.011386	-0.011508
0	0	0.0205423	0.3262811	0.1900998	0.1040787	0.0122127	-0.032753	0.0011904	-0.045175
0	0	0.0102712	0.572706	0.2586624	0.07688	0.004901	-0.006292	-0.029072	-0.040862
0	0	0.0051356	0.8566249	0.2560825	0.1153929	0.0382049	0.0281641	-0.060317	-0.02838
0	0	0.0025678	0.9624224	0.1771558	0.0893579	0.0848885	0.0318405	-0.090839	-0.051702
0	0	0.0012839	1.0967219	0.215873	0.0702927	0.0832894	0.036014	-0.02882	-0.004571
0	0	6.42E-04	0.9442672	0.2028875	0.0864063	0.0679317	0.0500476	-0.004097	-0.011807
0	0	0	1.2480139	0.2456418	0.1181916	0.0222931	0.014608	0.0033159	-0.020942
0	0	0	0.1228209	0.3441845	0.1417933	0.0249118	0.0208625	0.0280244	0.0322935
0	0	0	0.0614105	0.3015546	0.1649856	0.0992589	0.0912762	0.0367645	0.0526627
0	0	0	0.0307052	0.3925046	0.2054157	0.0598509	0.0893082	0.0335961	0.0366175
0	0	0	0.0153526	0.4649435	0.2273655	0.0721207	0.1061529	0.0354693	0.0258873
0	0	0	0.0076763	0.5009165	0.1767419	0.0346649	0.0844033	0.0543111	0.0287092
0	0	0	0.0038382	0.4796979	0.1220887	0.0342873	0.0492608	0.0410534	0.0294483
0	0	0	0.0019191	0.4751842	0.2284828	0.1463321	0.07522	0.0051794	0.0066315
0	0	0	9.60E-04	0.516209	0.228812	0.1226203	0.0768923	0.0144598	0.0237322
0	0	0	4.80E-04	0.501895	0.2205276	0.1044031	0.0644594	0.0301621	0.0367846
0	0	0	2.40E-04	0.5788544	0.1860115	0.0675693	0.0434479	0.0341364	-0.00259
0	0	0	1.20E-04	0.5766672	0.2374589	0.0704767	0.0257993	0.0211891	0.0198957
0	0	0	6.00E-05	0.5707446	0.2920811	0.1307128	0.0469524	0.0365971	0.0408161
0	0	0	3.00E-05	0.8603114	0.2818415	0.1316563	0.0578614	0.0134672	0.0227193
0	0	0	1.50E-05	1.695802	0.302022	0.0897213	0.0804907	0.0452571	-0.002399
0	0	0	7.50E-06	1.3266895	0.2471737	0.0808085	0.0841666	0.0597914	-0.00106
0	0	0	3.75E-06	1.1422166	0.3640921	0.1738934	0.0836463	0.0517483	0.0194939
0	0	0	0	1.3459218	0.3980271	0.1616898	0.1194476	0.1078912	0.0543569
0	0	0	0	0.1990136	0.4698716	0.2154987	0.1312063	0.084388	0.0211036
0	0	0	0	0.0995068	0.493203	0.2343608	0.1278963	0.0435538	-0.0216
0	0	0	0	0.0497534	0.5650504	0.2292064	0.0810542	0.0507965	-0.017451
0	0	0	0	0.0248767	0.5993665	0.2036326	0.053121	0.0353025	-0.008618
0	0	0	0	0.0124383	0.4776271	0.221717	0.0870156	0.0605863	-0.009258
0	0	0	0	0.0062192	0.5582477	0.2338293	0.1285773	0.0785444	-0.010084
0	0	0	0	0.0031096	0.6057511	0.3004305	0.1950655	0.0856973	0.0392578
0	0	0	0	0.0015548	0.5215912	0.2508222	0.1233146	0.0890824	0.0968966
0	0	0	0	7.77E-04	0.4287447	0.2309178	0.0830323	0.0740532	0.0727612
0	0	0	0	3.89E-04	0.4489308	0.1712411	0.0807724	0.0325175	0.0213456
0	0	0	0	1.94E-04	0.4842173	0.1653604	0.1104053	0.0806224	0.0295306
0	0	0	0	0.1792402	0.4649661	0.2212008	0.1590294	0.0879511	0.0438219
0	0	0	0	1.400512	0.358286	0.2023339	0.1281581	0.0863066	0.0537915
0	0	0	0	1.0041026	0.3849063	0.2054946	0.1003177	0.0307394	0.0149386
0	0	0	0	1.6608868	0.4079605	0.1339713	0.10076	-0.008002	-0.017598
0	0	0	0	0.3434928	0.3819915	0.1048468	0.089404	0.0068556	0.0245035

Supporting information

0	0	0	0	2.5752094	0.3049942	0.1154335	0.0705625	0.0473529	0.0067875
0	0	0	0	1.1454377	0.3535207	0.1474734	0.0775443	0.0643151	0.0332461
0	0	0	0	0.1767603	0.4835064	0.1822435	0.112118	0.0527455	0.0335779
0	0	0	0	0.0883802	0.4977055	0.1948045	0.1298898	0.0528324	0.0604937
0	0	0	0	0.0441901	0.4451211	0.2134034	0.1082489	0.050235	0.0609354
0	0	0	0	0.1846313	0.3250724	0.1662119	0.1330562	0.073962	0.033993
0	0	0	0	1.9727148	0.4233516	0.1779024	0.1578501	0.0587338	0.0660472
0	0	0	0	0.2116758	0.4577661	0.1896165	0.115971	0.0601887	0.0954588
0	0	0	0	0.1058379	0.4418821	0.211255	0.0876353	0.0723695	0.0904638
0	0	0	0	0.0529189	0.3851894	0.2302588	0.1220218	0.120848	0.0608912
0	0	0	0	0.0264595	0.4089565	0.1860333	0.098553	0.1193779	0.0514937
0	0	0	0	0.0132297	0.5660514	0.2183084	0.1314701	0.0884692	0.0633727
0	0	0	0	0.0066149	0.5158142	0.2099962	0.1849806	0.1052378	0.067301
0	0	0	0	0.0033074	0.5874735	0.251444	0.153498	0.1328961	0.078015
0	0	0	0	0.0016537	0.5534928	0.2329008	0.161454	0.1083844	0.0458659
0	0	0	0	8.27E-04	0.511626	0.214418	0.1394591	0.1108586	0.0196144
0	0	0	0	4.13E-04	0.5453633	0.2400482	0.1276347	0.1190238	0.0374539
0	0	0	0	2.07E-04	0.5431847	0.2315778	0.0837882	0.1052378	0.0956024
0	0	0	0	0.1406152	0.4336776	0.2370948	0.1103048	0.0771187	0.0651985
0	0	0	0	2.1827543	0.2810238	0.2890488	0.1405894	0.0770728	0.0267034
0	0	0	0	2.1025565	0.3202496	0.2474522	0.0719407	0.090122	-0.011395
0	0	0	0	0.1601248	0.4529948	0.1887777	0.0819009	0.1134967	0.0255206
0	0	0	0	0.2769954	0.4506835	0.2161994	0.125964	0.0679863	0.0482628
0	0	0	0	1.0155377	0.3938661	0.3173981	0.1548325	0.0546162	0.0111394
0	0	0	0	1.5306655	0.3983189	0.2791353	0.1313118	0.0548779	-0.006542
0	0	0	0	0.1951586	0.3903172	0.1859143	0.1134323	0.0608516	0.0236511
0	0	0	0	0.2927379	0.4372813	0.1716437	0.1333741	0.1452343	0.1199649
0	0	0	0	1.2959069	0.4189419	0.2474522	0.1518356	0.0998824	0.1031338
0	0	0	0	0.8696334	0.4081595	0.2096821	0.1121685	0.0383574	0.047748
0	0	0	0	1.337455	0.4318869	0.1416353	0.0906032	0.0450865	0.0375377
0	0	0	0	0.1689596	0.3886012	0.1374141	0.1033244	0.0478677	0.0347828
0	0	0	0	0.0844798	0.3379192	0.1441664	0.1044635	0.0555327	0.077005
0	0	0	0	0.0422399	0.4467498	0.2146721	0.1424797	0.0519649	0.0808741
0	0	0	0	0.0211199	0.3621183	0.1824794	0.1672602	0.0435963	0.051883
0	0	0	0	0.01056	0.3576653	0.1374141	0.1403738	0.065923	0.0592594
0	0	0	0	0.00528	0.3445739	0.1475278	0.1325269	0.1330005	0.0527495
0	0	0	0	0.1749269	0.4210899	0.205619	0.1396204	0.0832223	0.0498106
0	0	0	0	1.8370134	0.3816168	0.211129	0.1390293	0.0538757	0.0319214
0	0	0	0	1.1658475	0.3123553	0.1899764	0.1386535	0.0638695	0.0650647
0	0	0	0	1.2510617	0.3167681	0.2074896	0.1559477	0.0907375	0.0681539
0	0	0	0	1.0351524	0.3038185	0.2103106	0.13694	0.1208988	0.0442044
0	0	0	0	1.1187907	0.3932886	0.2391063	0.0434048	0.0549215	0.0276028
0	0	0	0	0.9256328	0.3518564	0.2065533	0.0241887	0.0107396	0.0351158
0	0	0	0	0.964339	0.3115578	0.1921424	0.0250965	-0.008983	0.0129557
0	0	0	0	0.9341618	0.3035055	0.2128969	0.1067507	-9.63E-04	-0.03767
0	0	0	0	0.7714096	0.3158819	0.2178602	0.1445414	0.0949269	0.0695039
0	0	0	0	0.8342778	0.3053082	0.1802436	0.0753591	0.136303	0.0719446
0	0	0	0	0.789547	0.2673527	0.2228161	0.0817126	0.1008997	0.0120861
0	0	0	0	0.8468286	0.3129944	0.2043144	0.0554183	0.0662812	0.0518398

Supporting information

0	0	0	0	0.766428	0.3216338	0.1733154	0.0807724	0.0477819	0.0373284
0	0	0	0	0.8324392	0.3206562	0.1394394	0.0653649	0.0356362	0.041999
0	0	0	0	0.8955172	0.3567801	0.1704945	0.0435772	0.02439	0.0191726
0	0	0	0	0.7684591	0.3267196	0.1965071	0.0273329	0.0544854	0.0158937
0	0	0	0	0.9493313	0.3600642	0.1947438	0.0456078	0.059615	0.0268668
0	0	0	0	1.1920366	0.4053816	0.1618023	0.1272164	0.0915911	0.0571954
0	0	0	0	0.9163133	0.4020321	0.1672359	0.1224868	0.1313847	0.0874941
0	0	0	0	0.6661521	0.3744666	0.2441082	0.1007108	0.1297748	0.1035236
0	0	0	0	0.7529069	0.3491546	0.2553333	0.0802562	0.0837815	0.095411
0	0	0	0	0.9524298	0.323186	0.2079898	0.1053074	0.0680762	0.0900855
0	0	0	0	1.2831427	0.3765901	0.1730267	0.1220734	0.122884	0.1047928
0	0	0	0	2.1654861	0.4569858	0.1620836	0.095822	0.1062187	0.0934539
0	0	0	0	1.2565945	0.3338741	0.1170542	0.0812893	0.0746007	0.0593034
0	0	0	0	1.3741808	0.3018661	0.1165471	0.0736004	0.0635579	0.0562326
0	0	0	0	1.6452792	0.320819	0.1731422	0.0998759	0.0567139	0.08245
0	0	0	0	1.595446	0.367251	0.1584406	0.1129769	0.0841546	0.095124
0	0	0	0	1.9515185	0.41236	0.1663255	0.0979175	0.0767974	0.081754
0	0	0	0	1.8935094	0.4183302	0.131394	0.0720328	0.0702402	0.0384598
0	0	0	0	0.2091651	0.4344171	0.1619148	0.0984062	0.0626243	0.0645742
0	0	0	0	0.1045825	0.4362182	0.2801682	0.2144942	0.1127484	0.0894716
0	0	0	0	0.0522913	0.4330447	0.2302588	0.1906887	0.071145	0.0991104
0	0	0	0	0.0261456	0.451013	0.2190778	0.0694631	0.04042	0.0592594
0	0	0	0	0.0130728	0.4772768	0.1736621	0.0201268	-0.010936	0.0483915
0	0	0	0	0.0065364	0.5063534	0.1946225	0.1082489	0.031855	0.0822179
0	0	0	0	0.0032682	0.5840279	0.1910581	0.1494639	0.1066608	0.1285541
0	0	0	0	0.0016341	0.5454999	0.2125807	0.1009567	0.1165027	0.1098574
0	0	0	0	8.17E-04	0.495631	0.2467676	0.0992384	0.0847617	0.0724434
0	0	0	0	4.09E-04	0.5654791	0.2137202	0.129995	0.0484261	0.049122
0	0	0	0	2.04E-04	0.612231	0.2213943	0.155111	0.0628464	0.0737158
0	0	0	0	1.02E-04	0.7804735	0.2301929	0.1414525	0.0990606	0.1013841
0	0	0	0	5.11E-05	0.8327569	0.2817222	0.1335862	0.1120512	0.0795344
0	0	0	0	2.55E-05	0.6786876	0.2280912	0.1029289	0.1029415	0.0325832
0	0	0	0	1.28E-05	0.9332215	0.1880601	0.0592892	0.0563198	-0.003162
0	0	0	0	6.38E-06	1.598545	0.2486184	0.1120171	0.0845748	0.0384598
0	0	0	0	3.19E-06	1.7352229	0.2662835	0.1772304	0.1266758	0.0515369
0	0	0	0	1.60E-06	1.0623505	0.3116418	0.1892999	0.101968	0.0284221
0	0	0	0	0	1.2261647	0.377277	0.1360325	0.0911167	0.0193734
0	0	0	0	0	0.1859759	0.3719518	0.1611149	0.1173582	-0.009784
0	0	0	0	0	0.0929879	0.4002285	0.1517803	0.1213053	0.0117703
0	0	0	0	0	0.046494	0.5042763	0.1937234	0.0488991	-0.00419
0	0	0	0	0	0.023247	0.5279276	0.2160943	0.0584698	0.0147797
0	0	0	0	0	0.0116235	0.5027937	0.1489691	0.0889408	0.0513208
0	0	0	0	0	0.0058117	0.478685	0.1865354	0.1080391	0.0282171
0	0	0	0	0	0.0029059	0.4938823	0.1716375	0.1026005	0.0526194
0	0	0	0	0	0.0014529	0.5710325	0.1878553	0.1007057	0.0861339
0	0	0	0	0	7.26E-04	0.5468929	0.275072	0.1164525	0.084358
0	0	0	0	0	3.63E-04	0.6205063	0.2789085	0.1063169	0.049251
0	0	0	0	0	1.82E-04	0.6306514	0.247882	0.1492273	0.0789352
0	0	0	0	0	9.08E-05	0.9187569	0.2723627	0.1302935	0.1040601

Supporting information

0	0	0	0	0	4.54E-05	1.2404417	0.350705	0.1138463	0.1022095
0	0	0	0	0	2.27E-05	0.7782893	0.3084193	0.103039	0.0864618
0	0	0	0	0	1.14E-05	0.7958509	0.2983062	0.0760639	0.0750376
0	0	0	0	0	0	1.5038854	0.3249912	0.0795129	0.0961292
0	0	0	0	0	0	0.3437862	0.3625811	0.1517826	0.1144317
0	0	0	0	0	0	2.5547783	0.3783171	0.1202391	0.0496383
0	0	0	0	0	0	1.3089372	0.3566025	0.1044547	0.0622631
0	0	0	0	0	0	0.1783012	0.4256143	0.1435723	0.1204714
0	0	0	0	0	0	0.0891506	0.4910829	0.1392597	0.1372639
0	0	0	0	0	0	0.0445753	0.5196635	0.1599844	0.1031825
0	0	0	0	0	0	0.0222877	0.4902382	0.1755411	0.0539219
0	0	0	0	0	0	0.0111438	0.5373034	0.2165223	0.1157833
0	0	0	0	0	0	0.0055719	0.5713885	0.1838563	0.179327
0	0	0	0	0	0	0.002786	0.6088532	0.2012855	0.1907946
0	0	0	0	0	0	0.001393	0.5294482	0.2916529	0.1857587
0	0	0	0	0	0	6.96E-04	0.5159383	0.3133298	0.1384773
0	0	0	0	0	0	3.48E-04	0.7446176	0.2766399	0.1410205
0	0	0	0	0	0	1.74E-04	0.7958102	0.1842674	0.1663481
0	0	0	0	0	0	8.71E-05	0.8099247	0.2523962	0.2039839
0	0	0	0	0	0	4.35E-05	0.6218781	0.3405867	0.1730464
0	0	0	0	0	0	2.18E-05	0.5751833	0.313488	0.1429911
0	0	0	0	0	0	1.09E-05	0.647081	0.2385273	0.1271107
0	0	0	0	0	0	5.44E-06	0.615719	0.1574357	0.119459
0	0	0	0	0	0	2.72E-06	0.6364859	0.2442242	0.1728177
0	0	0	0	0	0	1.36E-06	0.6086949	0.2252168	0.1454535
0	0	0	0	0	0	6.80E-07	0.6296188	0.2235411	0.1092643
0	0	0	0	0	0	3.40E-07	0.5999162	0.2027547	0.1061147
0	0	0	0	0	0	1.70E-07	0.5466741	0.1891724	0.1687204
0	0	0	0	0	0	8.50E-08	0.4910829	0.2870868	0.1425643
0	0	0	0	0	0	4.25E-08	0.5735738	0.2674337	0.1454535
0	0	0	0	0	0	2.13E-08	0.574451	0.1950964	0.1502579
0	0	0	0	0	0	1.06E-08	0.4914455	0.1636675	0.1364744
0	0	0	0	0	0	5.31E-09	0.4827091	0.2098643	0.2008013
0	0	0	0	0	0	2.66E-09	0.6020943	0.3407552	0.188536
0	0	0	0	0	0	1.33E-09	0.6186256	0.2459818	0.1333307
0	0	0	0	0	0	6.64E-10	0.5773879	0.2076882	0.1636527
0	0	0	0	0	0	3.32E-10	0.4712504	0.2025708	0.1839951
0	0	0	0	0	0	0.2149998	0.4299996	0.239127	0.1926459
0	0	0	0	0	0	1.5386227	0.5243326	0.233233	0.1839365
0	0	0	0	0	0	1.3485781	0.4632469	0.1995169	0.1951668
0	0	0	0	0	0	0.1754837	0.425199	0.1558366	0.12598
0	0	0	0	0	0	0.0877418	0.3509674	0.1481986	0.145937
0	0	0	0	0	0	0.0438709	0.4392267	0.2619179	0.2142399
0	0	0	0	0	0	0.2415488	0.5893382	0.2899256	0.2001919
0	0	0	0	0	0	2.3751795	0.4489828	0.2726602	0.1931849
0	0	0	0	0	0	0.1958281	0.4049226	0.1754835	0.1548416
0	0	0	0	0	0	0.0979141	0.3916562	0.1632754	0.2046601
0	0	0	0	0	0	0.2447852	0.507327	0.3027033	0.238624
0	0	0	0	0	0	1.6634544	0.5438007	0.3104915	0.212357

Supporting information

0	0	0	0	0	0	1.8083415	0.5530354	0.3142007	0.2403572
0	0	0	0	0	0	0.1974675	0.4507404	0.2814643	0.2053991
0	0	0	0	0	0	0.0987338	0.394935	0.2362031	0.1851112
0	0	0	0	0	0	0.0493669	0.5038301	0.2484953	0.1958897
0	0	0	0	0	0	0.0246834	0.5763577	0.2672914	0.1775893
0	0	0	0	0	0	0.0123417	0.5421672	0.2495867	0.1949862
0	0	0	0	0	0	0.0061709	0.4116103	0.1582098	0.1205728
0	0	0	0	0	0	0.0030854	0.3864991	0.16999	0.1192568
0	0	0	0	0	0	0.1947923	0.4429947	0.2361369	0.165504
0	0	0	0	0	0	1.4028504	0.4479972	0.2196348	0.1693439
0	0	0	0	0	0	0.1799916	0.3971671	0.2143126	0.1340622
0	0	0	0	0	0	0.0899958	0.3599832	0.2254105	0.1344284
0	0	0	0	0	0	0.0449979	0.4078046	0.2615667	0.1768962
0	0	0	0	0	0	0.2264013	0.4928986	0.2405963	0.1803148
0	0	0	0	0	0	1.3065758	0.4497509	0.1989694	0.1890699
0	0	0	0	0	0	1.2092327	0.3903133	0.2344186	0.1753982
0	0	0	0	0	0	0.9521487	0.3328067	0.2391937	0.1123872
0	0	0	0	0	0	0.8447618	0.2656265	0.1717563	0.1186002
0	0	0	0	0	0	0.7093944	0.3318011	0.1949759	0.1786311
0	0	0	0	0	0	0.626532	0.3187734	0.2141867	0.135424
0	0	0	0	0	0	0.7280484	0.2764699	0.1842087	0.1060657
0	0	0	0	0	0	0.7001652	0.2610509	0.2254105	0.125467
0	0	0	0	0	0	0.6187308	0.3660995	0.2455755	0.119459
0	0	0	0	0	0	0.5998197	0.3644721	0.2150058	0.1175417
0	0	0	0	0	0	0.5893074	0.3607878	0.2486316	0.1301059
0	0	0	0	0	0	0.5783092	0.3169901	0.2497234	0.1262367
0	0	0	0	0	0	0.5021775	0.2904733	0.1755411	0.1163854
0	0	0	0	0	0	0.5571146	0.2812119	0.185857	0.144167
0	0	0	0	0	0	0.54485	0.2782421	0.2641723	0.1541291
0	0	0	0	0	0.2310441	0.5525265	0.3278019	0.252465	0.138583
0	0	0	0	0	1.1339245	0.4620883	0.3563367	0.194374	0.191212
0	0	0	0	0	1.2132667	0.3696764	0.325816	0.2181075	0.2145545
0	0	0	0	0	1.1995078	0.4981321	0.3400825	0.2805098	0.183526
0	0	0	0	0	0.9931957	0.444374	0.2797244	0.2323787	0.1678152
0	0	0	0	0	0.7901988	0.3404536	0.184563	0.1505303	0.1853465
0	0	0	0	0	0.7304556	0.4085868	0.2292449	0.0927795	0.1506924
0	0	0	0	0	0.6691442	0.332465	0.1968408	0.0435113	0.1189031
0	0	0	0	0	0.6785021	0.3287316	0.1990549	0.113297	0.1009478
0	0	0	0	0	0.5600796	0.3421543	0.2451995	0.1294121	0.1154826
0	0	0	0	0	0.5511348	0.3095027	0.171059	0.1101644	0.0757229
0	0	0	0	0.2755674	0.5772176	0.3329652	0.1274778	0.0656546	0.0646633
0	0	0	0	1.7153716	0.5756047	0.3092657	0.1622464	0.0894129	0.0992552
0	0	0	0	1.3705462	0.4589952	0.2462891	0.1444327	0.0722333	0.0993035
0	0	0	0	1.1524999	0.380308	0.2389719	0.1312063	0.1172071	0.0995932
0	0	0	0	1.3074895	0.4506835	0.1880004	0.1220218	0.1076941	0.0845912
0	0	0	0	1.1157606	0.4526639	0.1985223	0.0982596	0.0518349	0.0709938
0	0	0	0	0.8236179	0.3540476	0.2000552	0.0932048	0.0252448	0.0774638
0	0	0	0	0.5357503	0.3475934	0.1811248	0.0879216	0.0570207	0.0660025
0	0	0	0	0.5691692	0.3178985	0.1162937	0.1324211	0.0953098	0.0559267

Supporting information

0	0	0	0	0.5813466	0.2343128	0.0506531	0.1109083	0.0474816	-0.016343
0	0	0	0	0.472544	0.1812634	0.0758425	0.0579505	0.0447028	-0.030068
0	0	0	0	0.4108764	0.1903296	0.090723	0.0118346	0.0563198	-0.044448
0	0	0	0.17286	0.3968089	0.158048	0.0644565	0.005313	0.0211084	-0.044829
0	0	0	2.5556173	0.34572	0.0865961	0.1085627	0.040656	0.0030835	0.0085857
0	0	0	0.8145742	0.280755	0.1237401	0.1013582	0.0434479	0.0030448	-0.030497
0	0	0	0.7979028	0.3297791	0.1324091	0.0486112	0.0162239	-0.032225	-0.078925
0	0	0	1.0360714	0.2841531	0.1242057	0.0649513	1.34E-04	-0.054896	-0.076356
0	0	0	0.8792827	0.2596426	0.083239	0.0599844	-0.009775	-0.013516	-0.053166
0	0	0	0.5680798	0.1976907	0.0649764	0.0663938	-0.041664	-0.016079	-0.044656
0	0	0	0.4502847	0.2142916	0.0906975	0.0633341	0.0101152	-0.019769	-0.076839
0	0	0	0.5068836	0.2365748	0.1233783	0.0479183	0.0067758	-0.025099	-0.072375
0	0	0	0.495542	0.2016591	0.1263851	-0.006013	-0.034665	-0.013888	-0.059005
0	0	0.123036	0.3714888	0.1510587	0.0952253	0.0103831	-0.039142	-0.027162	-0.055639
0	0	0.7191725	0.246072	0.1184685	0.0508474	0.0360521	-0.034629	-0.070012	-0.053472
0	0	0.8290806	0.3394157	0.0940022	0.0458489	-0.010007	-0.048134	-0.089277	-0.019255
0	0	1.0886894	0.3235701	0.127474	0.075351	0.0103038	-0.061636	-0.090652	-0.040128
0	0	0.9384261	0.2893317	0.1252051	0.0737812	0.0088775	-0.030215	-0.049064	-0.036824
0	0	0.7191725	0.2228618	0.135352	0.0629938	0.002361	0.0022845	-0.034965	-0.02874
0	0	0.5320818	0.2106942	0.0896681	0.0303132	0.0247476	-0.027735	-0.054558	-0.040932
0	0	0.4650749	0.2172479	0.0745326	-0.015697	0.0444702	-0.064267	-0.06112	-0.045591
0	0	0.5169634	0.2223425	0.102168	0.0457625	0.0035705	-0.051609	-0.069062	-0.086197
0	0.1759623	0.4618191	0.2033056	0.0989123	0.0266593	-0.030785	-0.038892	-0.044369	-0.079725
0	1.9301983	0.3519246	0.1667661	0.0964022	0.029605	0.0328638	-0.006062	0.0030448	-0.061812
0	0.1759623	0.4137947	0.1738438	0.0565567	0.0522485	0.0301969	-0.065208	-0.013925	-0.054354
0	0.0879811	0.3928764	0.1709528	0.0709319	0.0686044	0.0040005	-0.069814	-0.024336	-0.029207
0	0.2143801	0.3972886	0.1725694	0.122079	0.0526434	0.057677	0.0136815	-0.016302	-0.047316
0	0.9377528	0.340779	0.2114527	0.1087536	0.0426198	0.0263094	-0.015569	0.0049849	-0.042989
0	1.0694051	0.4105025	0.1947603	0.05704	0.0189953	-0.061108	-0.02251	0.0022325	-0.033672
0	1.2501806	0.3584873	0.1509618	0.0392954	0.0291473	-0.019558	0.0030298	-0.023536	-0.044275
0	0.8062712	0.2335442	0.1587921	0.0833169	0.0795806	0.044084	-7.62E-04	-0.010261	-0.012964
0	0.6627768	0.2541955	0.1405214	0.0774257	0.0955643	0.0459754	-0.019016	-0.012807	-0.015862
0	0.6162977	0.2330155	0.1429459	0.1160445	0.0830506	0.0280834	0.0078464	3.82E-04	0.020298
0	0.7497874	0.261186	0.1069806	0.1350363	0.0670588	0.0356313	0.0334377	0.0312349	0.0082724
0	0.6410316	0.2837488	0.1146069	0.1301189	0.1245164	0.0473129	0.0224608	0.0212295	-0.082878
0	0.5368366	0.3055926	0.1604202	0.156552	0.1350545	0.0358837	-0.011297	-0.002801	-0.028596
0.2115522	0.4911395	0.2721764	0.1766958	0.1383634	0.1039305	0.0760733	0.0450452	0.025204	0.0542264
1.1414231	0.4231044	0.2199394	0.1862605	0.0850015	0.0732745	0.0575	0.0355906	0.0178515	0.0130349
0.7860096	0.3755684	0.2207091	0.1730903	0.0531885	0.0522485	0.0501744	0.0453048	7.28E-04	-0.056416
0.8411096	0.488743	0.2935832	0.1498625	0.0660123	0.055904	0.00545	0.0271668	0.0194568	-0.059943
0.7037055	0.4025394	0.2225104	0.1556096	0.0408596	0.0518102	0.0049402	0.0445697	0.0548779	0.0271528
0.5495036	0.3209565	0.2094294	0.1132424	0.0059997	0.0675128	-0.01524	0.0317566	0.0026965	0.0185309
0.5248492	0.2849751	0.2023563	0.0442037	0.0085478	0.0289394	-2.42E-04	0.0108741	-0.030651	0.0030199
0.4564895	0.2912235	0.1648796	0.0722035	0.0287475	0.0066993	-0.031686	-0.025718	-0.065572	-0.027155
0.456262	0.235241	0.1372668	0.1011511	0.0446028	0.0203787	-0.069972	-0.072263	-0.054252	-0.057696
0.4334493	0.1854795	0.1003656	0.0622193	0.0039719	-0.021952	-0.077591	-0.029086	-0.036169	-0.086827
0.3976395	0.1498337	0.1034912	0.0068999	-0.021159	-0.003449	-0.013365	-0.005215	-0.046619	-0.053166
0.2923779	0.1356666	0.1102086	0.0082845	-0.002055	0.0012446	0.0080477	-0.030215	-0.064811	-0.010759
0.3480307	0.1704661	0.0551622	0.0140685	0.0115858	-0.021175	-0.04317	-0.079498	-0.079335	-0.011508

Supporting information

0.3293833	0.1131531	0.0458351	0.038474	0.0250562	0.0123435	-0.01826	-0.042443	-0.04256	-0.037634
0.3058379	0.0995796	0.0849257	0.0026157	0.0421321	0.026618	0.0010382	-0.00989	-0.008794	-0.040128
0.2294885	0.1016329	0.0877526	-4.24E-04	0.0266519	-0.024606	-0.007958	-0.03639	-0.001883	-0.051088
0.2179077	0.1119973	0.0828175	0.0479211	0.0245256	-0.032543	0.0045093	-0.059602	-0.017263	-0.006164
0.2898128	0.0867961	0.0653221	0.0399633	0.0172848	-0.010376	0.006157	-0.020171	-0.006073	-0.024767
0.2183019	0.0830709	0.0706516	0.002342	0.0149643	-0.041187	0.0071801	0.0099556	-0.005694	-0.011919
0.1958829	0.1396597	0.0581103	-0.009457	0.0167236	-0.07809	-0.031867	0.0075686	-0.012097	0.0213456
0.1771878	0.1463977	0.0677078	0.0344152	0.0403094	-0.051187	-0.003252	0.0054709	0.0160127	-0.002475
0.2653278	0.0912707	0.0890307	0.0676822	0.0363512	-0.014608	0.0207864	-0.002277	0.0275326	-0.008994
0.2190256	0.0959853	0.0975524	0.0528546	0.0566445	-0.01193	0.0260213	0.0254684	0.0161723	-0.017229
0.1820587	0.0521744	0.0485475	0.014792	0.0538426	-0.002985	0.0684758	0.0250139	0.0317723	5.22E-05
0.1459849	0.0965177	0.0305282	0.0019904	-7.87E-04	-0.009844	0.033031	-0.043749	0.0328905	0.0136289
0.1417206	0.0947778	0.0682046	0.0109476	-0.010904	0.0070154	-0.017851	-0.060519	0.0084991	0.0225979
0.184302	0.075992	0.0869497	0.0473138	0.0291184	0.0231999	-0.008148	0.0065383	0.0128728	0.003252
0.111598	0.0972448	0.1087179	0.0578891	0.0518833	0.0141074	3.01E-04	-0.015606	0.0011904	-0.028272
0.1786253	0.1215878	0.0330214	-0.001665	0.0138087	-0.030627	0.0214373	-0.020878	-0.007058	-0.04292
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0.4270241	0.2747082	0.1656142	0.1557766	0.0899999	0.029605	-0.013515	-0.050778	-0.025425	-0.047488
0.4738979	0.3072101	0.2288091	0.1575051	0.1463353	0.0830506	0.0188395	-0.008706	-0.015746	-0.070779
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0.4569448	0.3023598	0.2084297	0.1999042	0.1701977	0.1748184	0.1718163	0.1772304	0.1026979	0.0695941
0.4107502	0.2988731	0.2602006	0.1597458	0.1607739	0.2004519	0.2026428	0.1717533	0.104944	0.0656003
0.4193327	0.2462441	0.241822	0.1601391	0.1487177	0.2269063	0.1838383	0.1204754	0.1163519	0.1228091
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0.4042462	0.278447	0.197704	0.1593528	0.1398504	0.0747039	0.107966	0.0989445	0.1291533	0.1682676
0.398037	0.2624727	0.162852	0.160589	0.1191273	0.1131165	0.1099082	0.0875399	0.0993505	0.0824964
0.344764	0.254875	0.153678	0.1129398	0.1614443	0.1222433	0.0930693	0.105208	0.1020166	0.0561452
0.304473	0.1823996	0.1836263	0.1245393	0.1517142	0.1109021	0.0802953	0.0399715	0.0474816	0.0546182
0.3950642	0.2364425	0.2420917	0.1310614	0.112234	0.051854	0.061589	-0.028466	0.0207453	0.1083762
0.279247	0.1982671	0.1343102	0.1314296	0.0988639	0.0264113	0.0544582	0.055374	0.0348857	0.0654217
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0.3632719	0.255154	0.1557737	0.1054911	0.0759079	0.1516052	0.1207741	0.0794596	0.0075592	0.0170904
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0.217645	0.1292485	0.0862426	0.0507084	-0.020387	0.0665599	0.0687935	0.0497415	0.0182122	-0.00419
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0.2181704	0.087033	0.1180441	0.0639275	-0.004809	-0.065933	-0.008718	-0.040316	-0.026873	-0.07179
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0.1360267	0.0970508	0.0899324	0.023199	0.0727513	-0.017418	0.0067076	-0.005715	-0.016746	-0.044587
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0.2502813	0.1641955	0.1232961	0.0730766	0.0360579	0.0068968	-0.00811	0.008323	-0.05652	-0.042746
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0.305195	0.1771784	0.2027257	0.0643782	0.0545414	0.0290225	0.0333238	-0.042832	-0.030831	0.0070607
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0.2553346	0.1461262	0.1186527	0.0658687	7.55E-04	0.0113045	-0.036772	-0.049179	-0.001959	-0.031856
0.2480229	0.146452	0.0746692	0.0276508	0.0262422	0.0290641	0.023028	-0.024946	-0.014	0.0106668
0.256051	0.1419121	0.0039698	0.0722035	0.0333853	0.0015176	0.0578983	0.0324703	-0.01426	-2.93E-04
0.2104843	0.1536836	0.0583752	0.095302	0.0117442	-0.005143	-0.005439	0.0229127	-0.003564	-0.007751
0.2355335	0.1784047	0.1056039	0.0533818	0.0493709	0.0347558	-0.027778	0.0260062	-0.032724	-0.005216
0.2006536	0.1734045	0.1219132	0.0470104	0.0351374	0.0245557	0.0015046	0.0341542	-0.009397	0.0082333
0.2061799	0.1077025	0.0681594	0.0398354	0.0114274	0.0586103	0.0242146	0.0488243	0.0278604	-0.008354
0.1374432	0.0593169	0.0724732	0.0202156	0.0208699	0.0719416	0.03028	-0.011069	0.0147779	0.0251542
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0.1617388	0.1448252	0.0894576	0.1123855	0.0651156	0.0638488	0.0698846	0.0845928	0.0972292	0.087729
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0.1593791	0.1596912	0.1393378	0.1411666	0.0636848	0.1029929	0.0740006	0.1391367	0.0827569	0.116938
0.1975091	0.06159	0.1477221	0.1334336	0.1421974	0.1547036	0.1010158	0.1584674	0.1407988	0.1498239
0.2564097	0.0269878	0.1708482	0.2497184	0.1959318	0.1882252	0.1559362	0.151725	0.0973735	0.1743068
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0.2810661	0.349134	0.2842687	0.3417151	0.3437589	0.3397008	0.2466308	0.2846524	0.264667	0.2768492
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Supporting information

[illegible]

Supporting information

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0.3289697	0.3257351	0.2762102	0.1534244	0.0557297	0.0901757	0.0118602	-0.080807	-0.031122	-0.098138
0.2813011	0.35333	0.2393377	0.2073932	0.0808185	0.0529216	0.0111267	-0.069914	-0.068686	-0.10182
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Supporting information

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Supporting information

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0.0056039	-0.024598	-0.053743	-0.113241	-0.034545	-0.065761	-0.073424	-0.094058	-0.084722	-0.065123
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-0.021601	-0.070521	-0.052573	-0.084996	-0.030268	-0.075274	-0.080727	-0.096031	-0.049368	-0.074834
0.0167627	-0.023039	-0.01948	-0.085757	-0.074611	-0.084085	-0.046409	-0.091373	-0.070878	-0.066995
0.0029271	-0.039426	-0.063493	-0.085535	-0.05266	-0.060136	-0.045462	-0.082997	-0.052511	-0.026419
0.0308024	-0.003682	-0.045244	-0.039525	-2.08E-05	-0.006978	-0.054343	-0.048726	-0.041477	-0.050384
-8.63E-04	-0.003643	-0.020075	-0.00926	-0.022787	-0.033741	-0.055039	-0.039959	-0.056679	-0.063141
-0.02371	-0.076185	-0.069497	-0.02582	-0.030268	-0.046969	-0.048061	-0.068593	-0.039447	-0.043916
1.50E-04	-0.048465	-0.04109	0.003696	-0.057244	-0.047207	-0.002542	-0.018016	-0.020697	-0.065634
-0.014684	-0.009784	0.003261	0.0354496	-0.027347	-0.028179	-0.046983	-0.06278	-0.045025	-0.051723
0.0275092	0.0112325	-0.001298	-0.004819	-0.045993	-0.045133	-0.060339	-0.057153	-0.075036	-0.064714
-0.010557	-0.0079	0.0146116	0.006389	-0.041693	-0.023405	-0.02048	-0.054962	-0.045751	-0.058527
-0.061035	-0.002904	-0.033094	-0.006912	-0.05757	-0.022616	-0.058963	-0.05068	-0.022816	-6.57E-04
-0.072994	0.0083042	-0.028494	-0.011632	-0.07583	-0.043255	-0.087603	-0.019066	-0.053362	-0.019353
-0.045905	0.0107498	-0.023882	-0.009599	-0.042603	-0.027221	-0.068186	-4.88E-04	-0.050293	-0.044846
0.0255617	0.020713	-0.019592	-0.013581	-0.078878	-0.026261	-0.027206	-0.012141	-0.081676	-0.070174

Supporting information

-0.008269	-0.009553	-0.009021	-0.011294	-0.07863	-0.012082	-0.056461	-0.03889	-0.073059	-0.058838
-0.001873	0.0162114	-0.041761	-0.013581	-0.073232	-0.02651	-0.073678	-0.062486	-0.095556	-0.047908
-0.005391	0.0136136	-0.038642	0.0079186	-0.047794	-0.054271	-0.074122	-0.026308	-0.074	-0.057938
0.0303424	0.0071863	-0.045804	-0.020296	-0.030233	-0.035556	-0.091153	-0.03958	-0.05421	-0.054038
-0.00435	0.0130474	-0.001841	-0.00805	-0.027207	-0.038956	-0.070173	-0.029144	-0.06294	-0.04043
-0.019481	0.0474782	0.0204001	0.0267469	-0.030926	-0.031074	-0.053712	-0.015362	-0.084564	-0.02485
0.0178173	0.0431683	0.0042022	-0.00237	-0.042401	-0.012303	-0.044682	-0.027197	-0.076133	-0.049431
-0.008192	-0.004537	-0.035214	0.008115	-0.02409	-0.020133	-0.036015	-0.014523	-0.059905	-0.053793
0.0494412	0.0356102	-0.021668	-0.009713	-0.025634	-0.01083	0.0053031	-0.041747	-0.091248	-0.066383
0.059874	0.0337411	-0.002691	0.0080364	-0.02017	-0.006978	-0.018899	-0.039856	-0.065855	-0.046843
0.0330259	0.0137755	-0.035644	0.0289682	-0.035128	-0.011641	-0.057812	-0.012325	-0.067832	-0.025374
0.042465	0.0218664	-0.060323	-0.007784	-0.021728	-0.006681	-0.040867	-0.001242	-0.041407	-0.067402
0.0611734	0.0307418	-0.001143	0.0031517	0.038135	0.0045192	-0.021948	-0.030167	-0.037442	-0.038404
0.0725399	0.0373165	0.0263494	0.0021813	-0.015784	-1.54E-04	-0.005447	-0.013755	-0.042872	0.0041155
0.0290485	0.0376585	0.064948	0.0446721	-0.036497	-0.014685	-0.062591	-0.026628	-0.059536	-0.018785
-0.027348	0.0034146	0.0429393	0.0690756	0.0042737	-0.027895	-0.034455	-0.068109	-0.101892	-0.044417
0.0142178	-0.014551	0.0323814	0.051177	0.0112726	-0.062925	-0.043255	-0.01827	-0.056578	-0.07152
0.0680031	0.018743	0.0206447	0.0021425	-0.038576	-0.035033	-0.026393	-0.058971	-0.076939	-0.055539
0.0817111	0.0539578	0.0421674	-0.045749	-0.02881	0.0031462	-0.021555	-0.075537	-0.059369	-0.033884
0.0671378	0.0197269	0.0548176	0.00902	0.0233771	3.37E-04	-0.023909	-0.049839	-0.027025	-0.039852
0.005012	0.01985	0.0387108	-0.038007	-0.004862	-0.014648	0.006599	-0.052659	-0.052716	-0.088035
-0.004504	-0.018816	0.0335979	-0.03088	0.009218	-0.070833	-0.042813	-0.029532	-0.019339	-0.08332
0.0072259	-0.03162	0.0142097	0.0160882	0.0188516	-0.092507	-0.064734	-0.063401	-0.060674	-0.08755
0.0346271	0.0406199	0.0235903	0.002414	-3.18E-04	-0.078442	-0.036637	-0.060715	-0.078609	-0.123189
0.0620269	0.0280559	0.010171	-0.018193	0.012686	-0.050181	-0.031773	-0.086478	-0.061408	-0.10665
0.0315144	-0.005661	0.0181646	0.0043969	0.0106628	-0.044997	-0.021841	-0.059992	-0.070453	-0.107238
0.0626118	0.0176387	0.0058936	0.0221353	-0.006036	-0.047614	-0.047927	-0.058575	-0.062108	-0.088229
0.0776836	0.0692336	0.0345652	-0.004131	-0.039187	0.0023472	-0.042131	-0.091281	-0.037865	-0.059806
0.0514112	0.0786732	0.0325071	-0.018008	-0.025283	-0.017018	-0.051681	-0.054928	-0.045959	-0.107517
0.0401501	0.0300268	6.83E-04	-0.008125	-0.016321	-0.03241	-0.036292	-0.040751	-0.039832	-0.089553
0.0212832	0.0246387	0.0294174	0.0218512	-0.055841	-0.02977	-0.026464	-0.03469	-0.06284	-0.056062
0.0216518	0.0149512	-0.015559	0.0072512	-0.04149	-0.002904	-0.066641	-0.012141	0.0074533	-0.013172
0.0151855	0.0413095	0.007552	-0.001217	-0.019637	0.0048249	-0.067188	-0.033642	-0.047994	-0.06923
-0.017726	0.0490562	0.0190575	-0.003366	-0.021586	-0.012523	-0.06902	-0.032101	-0.082884	-0.053407
-0.014873	0.0269278	0.0214201	-0.01242	-0.026753	0.0240523	-0.009328	-0.013755	-0.045579	0.0071253
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0.0507536	0.0065886	0.0110874	0.0347804	0.0391505	0.0158196	-0.042813	-0.023777	-0.034045	-0.035018
0.0374648	-0.007052	-9.49E-05	0.0346132	0.0060788	0.0124607	-0.06496	-0.023204	-0.07387	-0.04766
0.0501406	8.92E-04	0.0296254	0.0104008	0.0036362	0.0148014	-0.021912	-0.031434	-0.068062	-0.055574
0.0398509	0.0506398	0.068803	0.003696	0.020251	0.0194813	0.0087802	-0.048591	-0.071628	-0.051863
0.0056434	0.0212893	0.0455222	0.0142107	0.0226717	-0.030793	-0.012189	-0.044074	-0.070682	-0.046487
0.0348383	0.0522735	0.0478166	-0.00839	0.0340967	-0.014648	0.0108182	-0.011075	-0.014572	-0.030684
0.0852542	0.090926	0.0815616	-0.015967	0.0293395	-0.028498	0.0048467	-0.033922	-0.010878	-0.059806
0.0837389	0.0683605	0.0531446	0.004319	0.0242407	-0.041644	-0.024905	-0.050209	-0.006661	-0.04061
0.0610837	0.0464295	-0.012737	-0.01182	-0.011499	-0.015233	0.0075926	-0.042262	-0.045475	-0.044989
0.036319	-0.001577	0.0233441	0.0264188	-1.32E-04	-0.008983	-0.002317	-0.043972	-0.03723	-0.070781
0.0452247	0.0180882	0.0599202	0.0243738	0.0588675	0.0090119	0.0203656	-0.019283	-0.013977	-0.051723
0.0561762	-0.021996	0.0340602	0.0089806	0.0683756	0.0135125	0.0206021	-0.03761	0.0037944	-0.009273
0.0458741	-0.0057	0.0295006	0.0520025	0.0879491	0.0621579	-0.001381	-0.018233	-0.001828	0.0095482

Supporting information

0.0077017	0.0407492	0.0575611	0.0970979	0.0517763	0.0397153	0.0165605	0.0376685	-0.039587	-0.03615
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0.0099294	-0.008747	0.0416108	0.0176122	-0.011173	0.009398	-0.005224	-0.045608	-0.014758	-0.058873
0.0094112	0.0069471	-0.012812	0.0161283	-0.00994	-0.004628	-0.042983	-0.036639	-0.021612	-0.036914
0.0471757	0.0562732	-0.029549	0.0018712	-0.010666	-0.012413	-0.041448	-0.035143	-0.03892	-0.021621
0.0308861	0.047916	0.0132466	0.0112313	-0.035368	-0.012487	0.0148454	-0.021661	-0.06387	-0.042877
0.0471323	0.0194397	0.0059724	0.0303312	-0.024792	0.0080865	-0.027912	-0.042536	-0.044851	-0.030204
0.0393385	0.0131687	-0.007915	0.0106379	-0.059518	-0.002153	-0.064215	-0.02123	-0.058698	-0.050878
0.0687331	0.0315003	-0.02634	0.0132551	-0.026509	-0.002942	-0.073011	-0.02992	-0.055801	-0.051125
0.0992818	0.0725119	-0.001957	0.0334867	0.0259731	0.0015877	-0.037155	-0.039028	-0.077453	-0.059806
0.0221437	0.0456881	0.0635506	0.0539637	0.0076645	-0.006122	0.0073249	-0.035804	-0.038533	-0.064919
0.0161959	0.0275124	0.0240421	0.0396136	-0.008484	0.0024233	-0.029038	-0.048084	-0.040883	-0.0467
0.0613979	0.0609866	-5.22E-04	0.0242106	-0.012764	-0.010572	-0.077248	-0.037124	-0.038498	-0.04805
0.1073917	0.0782034	0.0058936	0.0457853	0.0407803	-0.001663	-0.0711	-0.046491	-0.034542	-0.003849
0.0648689	0.0703851	0.0493385	0.0475464	0.0151802	-0.026688	-0.034871	0.00315	-0.02033	-0.019694
0.0155086	0.0427353	0.0472961	0.0292982	-0.001208	0.0019673	-0.044852	-0.013462	-0.021502	-0.054772
0.0295489	0.0205074	-0.002807	0.0337784	0.0020651	0.0119553	-0.041038	-0.023562	-0.012971	-0.057487
0.0092519	3.81E-04	-0.028931	0.0277328	0.0062673	-0.003617	-0.045902	-0.028472	0.0104736	-0.016006
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0.048307	0.0208776	-0.009477	0.0204336	-0.006219	-0.009834	-0.020408	-0.045574	-0.071465	-0.04638
0.0653671	0.0235608	0.0107286	0.0271164	0.0171473	-3.02E-06	-0.021555	-0.029497	-0.064234	-0.059806
0.0999682	0.0394587	-0.004157	0.0314911	0.0345391	0.0192441	-0.004034	-0.038786	-0.055362	-0.050666
0.102873	0.0644304	0.0135674	0.0103218	-0.008812	-0.052096	-0.017746	-0.038302	-0.039692	-0.054632
0.0602768	0.0614382	0.0340602	0.0336951	-0.019744	-0.08756	-0.063469	-0.078101	-0.021319	-0.086188
0.0470888	0.032091	0.022893	0.0187386	-0.009504	-0.036183	-0.040079	-0.086695	-0.016056	-0.071352
0.0576871	0.0355677	0.0106091	0.0078007	0.0218503	-0.004404	-0.051314	-0.078291	-0.016056	-0.027201
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0.0358108	0.066711	0.0326328	0.0203527	0.037041	-0.019808	-0.046713	-0.023526	-0.028251	-0.04259
0.0473496	0.0301108	0.0494256	0.0370852	0.0220457	-0.074893	-0.014813	-0.035178	-0.037054	-0.077891
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0.0410917	0.0105488	0.0077499	-6.40E-04	-0.038984	-0.050719	-0.029952	-0.064249	-0.069407	-0.088133
0.0142581	-0.018139	0.0071961	-0.050652	-0.040543	-0.058388	-0.018143	-0.083309	-0.063538	-0.116969
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0.0353031	-0.014892	0.0248236	-0.049896	-0.010375	-0.023906	-0.064053	-0.080744	-0.020623	-0.03655
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0.0198119	0.0080245	-0.008525	-0.015856	-6.89E-04	3.00E-04	0.0048847	-0.04322	-0.047615	-0.061184
0.0401501	-0.001186	0.0040845	-0.04993	-0.005045	0.0216217	-0.01164	-0.076394	-0.045786	-0.058907
0.0716195	0.043515	0.0239188	-0.045159	-0.014995	-0.003992	-0.042165	-0.078858	-0.034755	-0.060564
0.0101288	0.0269278	0.0220741	0.0029574	0.0120742	-0.054371	-0.066995	-0.065453	-0.044505	-0.0744
0.0205061	-0.010741	-0.012283	-0.024437	-0.024757	-0.056832	-0.039496	-0.02879	-0.01286	-0.057799
0.0576426	0.0143022	-0.009325	-0.026511	-0.057212	-0.012193	-0.02159	0.0360646	-0.007606	-0.060771
0.0164792	0.0374019	-0.001027	0.0072512	-0.021197	0.0079325	-0.034975	-0.016746	-0.055937	-0.054806
-0.036547	0.0311209	5.28E-04	-0.054616	-0.025178	-0.020422	-0.033203	-0.036812	-0.02518	-0.040466
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0.0663197	0.0332751	-0.015747	-0.003558	-0.01023	-0.014539	0.0056839	0.0413094	-0.026519	-0.043809

Supporting information

0.0507974	0.0382578	-0.018587	0.0123809	-0.016751	7.92E-04	0.0042009	0.0258816	-0.045371	-0.020224
0.0122086	0.0333174	0.0090183	0.0450143	0.0069842	0.0150361	-0.002952	0.0170306	-0.034293	0.0027978
-0.002067	0.0227747	0.0391786	0.0342791	-2.81E-04	0.0357976	0.0265959	-0.030836	-0.038006	-0.0247
0.0511042	0.0414821	0.0226881	0.0239659	0.0469054	0.0292782	-0.033829	-0.044177	-0.003737	-0.051969
0.1287217	0.0712623	0.0024392	0.0423268	0.007362	0.0078555	-0.058864	-0.008674	-0.032728	-0.058423
0.0640099	0.0501113	0.0343968	0.062923	-0.022152	-0.02053	-0.061744	-0.00693	-0.02594	0.0068435
0.0223899	0.0269278	0.033766	0.0443729	-0.020631	0.0032223	-0.019583	-0.008118	-0.050908	0.022996
-0.014232	-0.02181	0.0393914	0.0490555	-0.036428	-0.017672	0.0207992	-0.003796	-0.083487	-0.024251
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0.136925	0.1220429	0.0755979	0.0504398	0.0647803	0.0672478	0.0565004	0.0192758	-0.030835	-0.013518
0.1159613	0.1027884	0.0346915	0.0235992	0.0220848	0.0466048	0.0277566	0.015736	-0.003509	-0.008691
0.0955257	0.0669855	0.0084233	-0.002868	-0.036838	0.0254932	0.0071337	-0.005851	-0.051864	-0.01905
0.0981076	0.0581076	0.0371833	0.0357008	-0.035059	-0.029735	0.0011369	-0.012655	-0.048475	-0.047979
0.097229	0.0617998	0.0379464	0.0597684	0.0132603	0.0106748	0.0010992	-0.003721	-0.005979	-0.024064
0.115605	0.1002614	0.0116861	0.0344461	0.0131454	0.0310613	-0.015684	-0.00559	-0.040288	3.73E-04
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0.0398936	0.0177613	0.0287522	0.0098874	-0.006549	0.0581631	0.0353164	0.0101702	-0.02915	-0.033517
0.0372099	0.0522293	0.0630108	0.0469442	0.042744	0.0385569	0.0211149	-0.035665	-0.014684	-0.006589
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0.1265253	0.0307418	0.002713	0.0610097	0.0868584	0.0234135	0.0286794	0.0273678	-0.012001	-0.057834
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0.1037631	0.1512632	0.1161145	0.1038561	0.0760552	0.067822	0.0813476	0.0491069	0.0405821	-0.012557
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0.1452318	0.0809356	0.1140368	0.1135178	0.0818044	0.0500274	0.0481459	-0.027728	0.0065162	0.0304951

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-0.081735	-0.037056	-0.09976	-0.117853	-0.052429	-0.075497	-0.027241	-0.071967	-0.036065	-0.032967
-0.085497	-0.026374	-0.062517	-0.104474	-0.054532	-0.026439	-0.044682	-0.071358	-0.023326	-0.039418
-0.069022	-0.039641	-0.033706	-0.053117	-0.055678	-0.04741	-0.049607	-0.035108	-0.045198	-0.040935
-0.050753	-0.042033	-0.054738	-0.060361	-0.050747	-0.078726	-0.005261	-0.027799	-0.039938	-0.042338
-0.028518	-0.096659	-0.081586	0.0032294	-0.010557	-0.067771	-0.032436	-0.046627	-0.022014	-0.033077

Supporting information

-0.04369	-0.068382	-0.057472	0.0028409	-0.014744	-0.040956	-0.066157	-0.014084	-0.020513	-0.024513
-0.058248	-0.010665	-0.04835	-0.02048	-0.02954	-0.0197	-0.011494	0.003645	-0.033084	-0.008186
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0.0334888	-0.012993	-0.062383	-0.065799	6.11E-04	0.0132006	-0.023838	0.0134699	-0.01853	0.0181777
0.0131718	-0.004071	-0.019778	-0.036804	0.0037861	0.0161334	-0.015249	-0.002408	-0.010316	0.0173936
0.0198935	0.0264273	-0.031831	0.0098874	0.0050625	0.0315082	-0.035738	0.0070489	-0.023618	0.0028377
0.0298411	-0.015309	-0.04755	0.0080364	0.0186576	0.0507491	-0.009402	0.0110993	-0.015722	0.0225368
0.0127702	-0.057181	-0.032769	-0.026075	0.0172247	-0.012376	-0.014195	-0.001242	-0.002516	0.0399896
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0.0244469	0.006111	-0.007189	5.17E-04	0.0117687	0.0296828	0.0165996	-0.047068	-0.010165	0.006924
0.0313049	-0.017009	-0.007877	0.0283912	0.0075132	0.0033366	-0.031773	-0.0162	-0.025035	0.0179299
0.0013211	-0.083981	0.0202372	0.0220541	0.0115778	-0.031286	-0.040148	-0.033222	-0.036171	-0.003535
-0.042985	-0.106407	-0.032409	-0.009335	-9.51E-05	-0.043802	-0.025897	-0.05115	-0.053973	-0.029353
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0.0152663	-0.067946	-0.025351	-0.013469	0.0111963	-0.021394	-0.004257	-0.021985	-0.021392	1.74E-04
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0.0673199	0.0212893	0.0723249	0.0638605	0.0596768	-0.016327	0.0153125	0.0396093	-0.012822	0.0128407
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0.1158595	0.1021428	0.1003521	0.0944047	0.074332	0.1092467	0.0959167	0.0274482	0.0554736	0.020082
0.1895115	0.1488254	0.1019717	0.1550753	0.1467718	0.0796945	0.0413942	0.0821422	0.0399076	0.0826274
0.1692468	0.0991758	0.1580535	0.1693669	0.1414896	0.1239318	0.1005835	0.1120897	0.0848218	0.1473537
0.1000664	0.0634761	0.1454812	0.1519987	0.13414	0.1012024	0.1455329	0.1443615	0.1511589	0.1904082
0.0724478	0.1137081	0.0901369	0.0550572	0.1077793	0.0638187	0.1066446	0.1455219	0.1591779	0.1559474
0.0395519	0.0550694	-9.49E-05	0.0524811	0.0854537	0.1042676	0.0987391	0.0578232	0.0410464	0.1083884
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0.0063152	0.0829249	0.0718201	0.0540074	0.0570838	0.0774294	0.0679982	0.0286572	0.064874	0.0917791
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Supporting information

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0.0502281	0.0046021	-0.042925	0.0955569	0.0749498	0.0936795	0.0519851	0.0439767	0.0258579	0.070904
0.0317659	0.0240579	-0.021113	0.0745831	0.1005057	0.1322587	0.1156769	0.0859013	0.0642944	0.0892419
0.0373798	0.0255945	0.0384558	0.0643076	0.1290583	0.1030198	0.1053489	0.1627605	0.1102135	0.064515
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0.0681399	0.0897188	0.077267	0.0788178	0.1351534	0.1030198	0.1395819	0.0748551	0.0665727	0.0337368

Supporting information

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0.1257435	0.121991	0.106519	0.06673	0.1259681	0.1226763	0.1029597	0.1461032	0.1467731	0.0716976
0.1559276	0.1383447	0.0601435	0.1323584	0.2003846	0.1596052	0.114403	0.0982767	0.2151917	0.1440846
0.0950403	0.1512077	0.1130269	0.182204	0.2094987	0.1784621	0.1293851	0.0947853	0.2136808	0.1967179
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.098106	-0.046452	-0.019829	-0.089353	-0.061648	-0.049343	-0.03903	-0.013122	-0.034956	-0.047436
-0.063579	-0.001157	-0.064358	-0.056953	-0.074306	-0.033831	-0.050672	-0.033092	-0.05842	-0.06349
-0.052747	-0.008291	-0.033094	-0.006476	-0.035865	-0.023281	-0.07023	-0.04872	-0.05633	-0.012442
-0.041672	-0.035292	-0.035265	0.0027224	-0.009379	-0.01221	-0.046959	-0.021555	-0.042645	-0.00917
-0.037475	-0.058096	-0.069378	-0.033868	-0.011039	-0.04567	-0.060625	-0.022244	-0.027911	-0.004532
-0.068993	-0.069372	-0.041479	-0.06586	-0.058128	-0.028144	0.0057192	-0.018932	-9.55E-04	0.0088379
-0.032568	-0.012184	-0.034646	-0.039505	-0.065303	-0.038091	0.0101014	-0.032526	-0.065284	-0.046928

Supporting information

-0.00281	0.0201418	-0.030459	-0.02273	-0.066536	-0.033585	-0.040181	-0.031782	-0.038263	-0.031186
0.0162098	0.0199828	-0.007726	-0.0067	-0.043687	0.0105058	-0.019188	0.018709	0.0115805	-0.024434
-0.040912	-0.033574	-0.021998	0.0391454	0.0084237	-0.008096	-0.051826	0.0069964	-0.028266	-0.039834
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-0.076385	-0.024915	-0.062198	-0.064328	-0.067636	-0.028961	-0.021983	-0.059766	-0.080303	-0.090506
-0.006942	0.0264702	-0.044014	-0.026094	-0.020795	0.0089927	-0.038045	-0.055791	-0.066228	-0.042781
0.0399573	0.0343688	0.0050644	0.0236396	-0.016708	0.0316505	-0.00203	3.01E-04	-0.017052	0.0293148
0.0295449	-0.006949	-0.024225	0.0084753	0.0067329	0.0010103	-0.043012	-0.001528	-0.01174	0.0500009
-0.062331	-0.026989	-0.011774	-0.017561	-0.014048	-0.01778	-0.068554	0.0103443	0.0184407	0.0131286
-0.069932	-5.13E-04	0.0121785	-0.028193	-0.035274	2.13E-04	-0.0249	0.0175552	-0.043981	-0.050265
-0.022152	0.0146889	-0.021607	-0.006625	-0.043585	-0.018363	-0.047092	-0.026393	-0.058221	-0.022899
0.0065766	-0.001081	-0.068837	0.0153633	-0.067603	-0.021407	-0.049085	-0.025675	-0.014606	0.0169132
-0.010406	-0.046111	-0.131477	-0.043188	-0.052108	-0.047715	-0.056248	-0.008057	-0.031624	-0.016053
-0.070029	-0.055799	-0.094483	-0.058279	-0.084838	-0.050054	-0.038147	0.002598	-3.50E-04	-0.01967
-0.059524	-0.028342	-0.03157	-0.010966	-0.07618	-0.020756	-0.009461	3.39E-04	-0.022947	-0.011048
-0.03904	-0.002593	-0.045864	-0.020026	-0.026694	0.0118683	-0.017089	-0.035174	-0.048103	-0.011598
-0.064923	-0.022903	-0.04904	-0.00696	-0.03715	0.0055976	-0.013651	-0.01201	-0.037951	0.0034859
-0.020452	-0.021749	-0.050835	0.019264	0.0071933	-0.021479	-0.017374	0.0097195	-0.030108	0.0179332
-0.036917	-0.031954	-0.03811	-0.023591	-0.013462	-0.037222	-0.030469	-0.011304	-0.017052	-0.058577
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-0.049674	-0.018123	-0.082343	-0.063904	-0.048509	-0.035162	-0.027798	-0.036719	-0.05613	-0.031432
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-5.01E-04	-0.051976	-0.028298	0.0125092	-0.015435	-0.049004	-0.049548	-0.0238	-0.072618	-0.022721
-0.030554	-0.019976	-0.001601	-0.021506	-0.04338	-0.066083	-0.057094	-0.001946	-0.021255	-0.055603
-0.031333	0.0250603	0.0196452	-0.051539	-0.073031	-0.026969	-0.014549	-0.03535	-0.043331	-0.055437
-0.006044	-0.033046	-0.050968	-0.050934	-0.016745	-0.043754	-0.044019	-0.039202	-0.058552	-0.041893
0.0076579	-0.062425	-0.060287	-0.038466	-0.010892	-0.025504	-0.031436	-0.046874	-0.039648	0.0031441
-0.01048	-0.07951	-0.024613	-0.036661	-0.022269	-0.071652	-0.043516	-0.068262	-0.03854	0.0160128
-0.022946	-0.057764	-0.034543	-0.034603	-0.015325	-0.084176	-0.042373	-0.009553	-0.043468	-0.079913
-0.016849	-0.046997	-0.033646	-0.070584	-0.045731	-0.038022	-0.006949	-0.047422	-0.056163	-0.07809
-0.0081	-0.060712	-0.062553	-0.054154	-0.076211	-0.034637	-0.011886	-0.048242	-0.056994	-0.029675
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-0.006381	-0.047848	0.0040844	0.0256031	-0.036525	-0.029422	-0.013687	-0.067674	0.0016603	-0.072545
0.0025453	-0.003008	-0.005706	-0.01233	-0.036942	-0.088344	-0.014585	0.0038282	0.006669	-0.046556
0.0051902	-7.02E-04	0.0088542	-0.020929	-0.049622	-0.068391	-0.03583	-0.070765	-0.045178	-0.044588
0.0239287	-0.049138	-0.034301	-0.020568	-0.030302	-0.061069	-0.045425	-0.111228	-0.063848	-0.03353
0.0163676	-0.024341	-0.024331	-0.043496	-0.014632	-0.061498	-0.05419	-0.045226	-0.032995	-0.038836
0.0268287	-0.038535	0.0277591	-0.03812	-0.026588	-0.049648	-0.0211	0.0352753	0.0135295	0.0044749
0.0089358	-0.027381	-0.011265	-0.041539	-0.012656	-0.059286	-0.010186	0.0406055	-0.002238	-0.026956
-0.006793	0.002913	-0.009481	-0.051035	-0.001511	-0.003868	0.0010831	-0.004144	0.0083258	-0.053875
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-0.00698	-0.049917	0.0136001	-0.030599	0.0116699	-0.044062	-1.05E-04	-0.054076	-0.025275	-0.055901
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0.0331793	-0.025022	0.0232895	0.0089389	0.0182362	-0.02793	5.26E-04	-0.056796	-0.015301	0.0124687
0.0352346	-0.033187	-0.009517	-0.046874	-0.015799	-0.037396	-0.022582	-0.025351	0.0153304	-0.109544
0.0314196	-0.0282	0.0034825	-0.030387	-0.019822	-0.046489	-0.028979	-0.05522	0.0084802	-0.072641

Supporting information

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0.0446056	-0.032694	0.0175431	-0.026593	-0.023487	-0.085673	-0.032986	-0.052456	-0.050402	-0.020893
0.0430926	-0.023191	0.0043104	-0.047825	-0.017144	-0.078893	-0.018264	-0.03714	-0.016979	-0.027063
-0.009254	-0.01575	0.0117568	-0.029822	-0.028926	-0.058524	-0.026124	-0.055354	-0.015483	-0.061171
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-0.027034	-0.012516	-0.047839	-0.020929	-0.027971	-0.043788	0.0063963	-0.013899	-0.042816	-0.006801
-0.005069	-0.031037	-0.055193	-0.051237	-0.030759	-0.032953	-0.049879	-0.068718	-0.019991	-0.02964
-0.008435	-0.053892	-0.022458	-0.039366	-0.023236	-0.071652	-0.037331	-0.070181	-0.028408	-0.04107
-0.052646	-0.058329	-0.038315	-0.069166	-0.016672	-0.090659	-0.01044	-0.031214	-0.032995	-0.039111
-0.076321	-0.066092	-0.043475	-0.051371	-0.051404	-0.08283	-0.021383	-0.02686	-0.012072	-0.076829
-0.039006	0.0015394	-0.063907	-0.020965	-0.050632	-0.048122	-0.01566	-0.007307	-0.049051	-0.092582
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-0.089689	-0.111288	-0.04263	-0.069876	-0.046377	-0.076291	-0.070671	-0.085993	-0.070015	-0.105572
-0.100584	-0.118513	-0.034233	-0.01923	-0.085738	-0.080567	-0.065757	-0.116395	-0.067462	-0.106782
-0.047636	-0.030046	-0.02938	-0.022298	-0.103027	-0.07162	-0.049051	-0.092271	-0.078979	-0.099171
-0.030979	-0.018633	-0.031744	-0.073375	-0.059974	-0.056263	-0.066108	-0.06466	-0.068239	-0.074264
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-0.012404	-0.056899	-0.054075	-0.069037	-0.05251	-0.092073	-0.038079	-0.057164	-0.057359	-0.069986
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-0.018563	-0.002367	-0.023696	-0.059766	-0.099257	-0.085362	-0.037535	-0.031605	-0.048137	-0.064985
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-0.010962	-0.02513	-0.025106	-0.051304	-0.016127	-0.017635	-0.037603	-0.04502	-0.03562	-0.0452
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-0.053789	-0.01542	0.0325966	0.0346936	0.0164284	-0.037222	-0.052582	-0.041705	-0.001446	-0.087065
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-0.064825	-0.007322	-0.025845	0.0209692	-0.03597	-0.020213	-0.033261	-0.01401	-0.064436	-0.025146
-0.04181	-3.99E-04	-0.020257	-0.003068	-0.058821	-0.012984	-0.037603	0.0105006	-0.025275	-0.048077
0.009091	-0.035047	-0.014307	-0.069005	-0.065173	-0.002323	-0.052188	-0.013936	-0.053794	-0.011452
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-0.039283	-0.036864	-0.048106	-0.077417	-0.080938	-0.082642	-0.040755	-0.047969	-0.050435	-0.023935
-0.028745	-0.092035	-0.052623	-0.044215	-0.079368	-0.090104	-0.03278	-0.085993	-0.061652	-0.049492
-0.048486	-0.097194	-0.041004	-0.094562	-0.070759	-0.06865	-0.052188	-0.119014	-0.052554	-0.055105
-0.051298	-0.086129	-0.05778	-0.092547	-0.04153	-0.079683	-0.059947	-0.132947	-0.073546	-0.087065

Supporting information

-0.060484	-0.055298	-0.093642	-0.083864	-0.037254	-0.075016	-0.060754	-0.114523	-0.09482	-0.103112
-0.091416	-0.041753	-0.078874	-0.105775	-0.061681	-0.050425	-0.069693	-0.101853	-0.065089	-0.068733
-0.06828	-0.064916	-0.072577	-0.065893	-0.075323	-0.069329	-0.052056	-0.053638	-0.046949	-0.06767
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-0.122332	-0.091328	-0.156479	-0.081893	-0.081627	-0.077181	-0.099161	-0.088832	-0.072875	-0.140458
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-0.084404	-0.104865	-0.092709	-0.083208	-0.117815	-0.085549	-0.077024	-0.064364	-0.055897	-0.032272
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Supporting information

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Supporting information

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0.0653437	0.0623697	0.1434216	0.1214213	0.194155	0.1194953	0.1224899	0.0263046	0.1549723	0.1351286

Supporting information

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0.1738396	0.1965481	0.1888939	0.1397286	0.1764517	0.126089	0.0967112	0.1093277	0.2232066	0.1617543
0.179374	0.1616398	0.2072534	0.1560671	0.1473463	0.1216486	0.2011591	0.2273153	0.1740526	0.1897695
0.2015795	0.1816461	0.2301456	0.2117727	0.2190038	0.260756	0.2988498	0.2773641	0.1194053	0.1754232
0.201036	0.2205994	0.2352441	0.2375552	0.1663654	0.2370055	0.3407441	0.244928	0.0589553	0.1590823
0.2592053	0.2568299	0.2159347	0.2482188	0.2572828	0.2541673	0.2088912	0.3041165	0.2834889	0.2407855
0.2330933	0.2683651	0.2786965	0.2483529	0.2505071	0.2785426	0.2245319	0.2876017	0.2245382	0.2493336
0.1693277	0.2774738	0.2936898	0.2460116	0.1351144	0.3069751	0.1927521	0.2419869	0.165931	0.2132029
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0.2807796	0.2067542	0.2750276	0.3560456	0.3338529	0.2112661	0.2745189	0.1891152	0.181293	0.1425484
0.2811424	0.2558709	0.2566628	0.267692	0.3163711	0.2128116	0.2756371	0.0971318	0.1925915	0.1308794
0.3041703	0.2802875	0.3114294	0.252667	0.3464977	0.2995771	0.2791503	0.1339657	0.2072325	0.1078134
0.3258251	0.3216428	0.3083082	0.2842014	0.3319835	0.2692055	0.2247186	0.1669252	0.2407127	0.2368663
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0.3457434	0.2864104	0.358935	0.3504097	0.3261829	0.2888218	0.1700541	0.1857077	0.1897099	0.1207583
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0.1879564	0.0642582	0.1248333	0.1941324	0.1953968	0.1413146	0.0754559	0.1343815	0.056145	0.1264696
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Supporting information

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Supporting information

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-0.003326	0.0232151	0.0332545	0.0148599	0.0430606	-0.017858	-0.012626	-0.070482	0.0147915	-0.019467
-0.037498	0.0161563	-0.022765	-0.01897	0.04969	-4.33E-04	0.0203933	-0.022589	0.0167922	-0.014997
-0.046569	-0.002874	-0.006442	-0.015512	0.0101679	-0.01997	0.006332	-0.039844	-0.005621	-0.004297
-0.024927	-0.002838	0.0112656	-0.011096	-0.040642	-0.043158	-0.001921	-0.020229	0.0372813	0.0180829

Supporting information

0.0051677	0.0359797	-0.017228	-0.022122	-0.017735	-0.014725	0.0300942	0.0147547	0.0200679	-0.00367
0.0656305	0.0193471	-0.041687	-0.017668	-0.012376	-0.021361	0.0550184	0.0164156	0.0065341	5.20E-04
0.0481231	-4.77E-04	-0.066347	0.0081865	-0.019768	-0.01157	0.0267563	-0.009724	0.0458564	0.0030607
-0.034261	-0.04529	-0.053709	0.0107005	0.0162717	0.0097321	0.0087466	-0.031764	0.0461928	-0.008587
-0.055128	0.0069813	-0.005867	0.0091229	-0.028713	-0.008611	-0.009689	-0.020993	0.0138923	-0.007015
-0.038617	0.0241007	0.0137047	0.0034976	-0.049371	-0.032014	-0.018586	0.0036489	0.0312234	-0.012364
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-0.026392	-0.036495	-0.071202	0.0174512	0.020155	0.0358931	0.0304981	6.20E-04	-7.39E-04	-0.051556
-0.035491	-0.028203	-0.047544	0.0120574	0.0217964	0.028724	0.003247	4.29E-04	-0.016754	-0.014781
-0.015173	-0.002367	-0.019639	0.0072521	-0.052154	-0.035129	-0.017031	0.0078629	-0.009783	0.0049385
9.93E-04	0.032822	0.0056147	0.0092354	-0.035732	-0.005521	-0.024607	-0.004092	-0.047928	-0.014385
0.0021073	0.0031812	-0.003522	0.0363558	-0.024932	0.0268904	-0.035121	-0.033815	-0.012254	-0.01222
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-0.016849	0.0148336	0.0103311	0.0245414	-0.023911	-0.01854	-0.056739	-0.01392	-0.059196	-0.008769
-0.011151	0.0079087	-6.19E-04	-0.004497	-0.057243	-0.038598	-0.083001	-0.030165	0.0071105	0.0052397
0.0322498	0.017407	-0.01943	-0.020724	-0.074614	0.0107273	-0.017212	0.0046118	-0.049112	-0.049934
0.0017356	-0.027348	-0.039163	-0.019356	-0.024756	0.0249457	-0.005767	0.010122	-0.026258	0.0066355
-0.045637	-0.017163	-0.022834	0.0185227	0.0242308	-0.002483	-0.031913	-0.004167	-0.052544	0.0482408
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-0.05031	-0.041263	-0.012542	-0.042735	0.0045625	-0.045487	-0.042527	0.0388983	-0.007744	0.0497821
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0.0352499	-2.92E-06	0.0039558	-0.032124	0.014343	-0.032049	-0.029174	-0.024649	-0.043399	-0.018113
0.0085894	-0.009382	0.0323108	-0.0266	0.0216398	-0.009343	-0.011087	0.0058861	-0.028425	-0.020036
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-0.045104	-0.001713	-0.024422	-0.030416	0.0013008	-0.012224	-0.00573	-0.025873	0.0010392	-0.030464
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0.0046811	-0.001132	0.0169531	0.0387979	-0.042774	-0.058424	0.0260758	-0.001324	0.040799	0.0244135
0.011734	0.0041373	-0.013604	-0.009591	-0.010744	-0.01022	0.0326857	0.0045347	0.0507181	0.0341261
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0.0148633	0.0579582	0.0352271	0.034921	-0.004008	-0.028982	0.0174424	-0.001628	0.0379	0.0179277
0.0102915	0.0541413	0.0193482	0.0398832	0.0242308	-0.006	0.0077101	-0.030556	0.0474568	0.002761
-0.00556	0.0211428	-0.01371	-0.020619	-0.015297	0.0275273	0.0267563	0.0075134	0.0236482	-0.032126
-0.028546	-7.32E-04	-0.015402	-0.018442	-0.009471	0.020886	-0.019631	-0.006692	0.0052687	-0.008769
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Supporting information

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-0.035149	0.0227537	-0.017928	0.0300935	-0.001417	0.0213178	-0.028787	-0.030058	-0.013942	0.0059937
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-0.031103	-0.0522	0.0021566	-0.016856	-0.049736	0.0429348	-0.018116	0.0298141	0.0158888	-0.003449
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-0.029238	-0.048367	-0.018837	-0.050289	-0.013677	0.0042985	0.0042729	0.0248572	-0.029522	-0.028726
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-0.058926	-0.062457	-0.025145	0.0093104	-0.012412	0.002753	0.002754	-0.072262	0.0038161	-0.034401
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-0.077182	-0.063246	-0.031058	-0.028426	-0.029653	0.0190852	-0.069828	-0.085622	-0.032129	-0.047772
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-0.087954	-0.069133	0.0201113	-0.00486	0.010206	0.032858	-0.035191	-0.026483	-0.032796	-0.041764
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-0.060603	0.001934	0.013479	-0.012811	0.0043743	-0.029017	-0.016125	0.0429648	0.0727363	0.0373585

Supporting information

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-0.022087	0.0175209	-0.037795	-0.033826	0.0125378	-0.011606	0.0306194	0.0916756	0.0453942	0.0346094
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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0.1244564	0.0983231	-0.008557	0.1435299	0.1410847	0.1267611	0.0303769	0.0673053	0.146827	0.1471957
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0.200137	0.1529253	0.1547295	0.0654967	0.1021715	0.0709792	0.0542068	0.1076565	0.0231292	0.1103646
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Supporting information

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Supporting information

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Supporting information

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-0.016026	-0.007882	-0.061075	-0.036123	-0.027953	0.0084899	-0.042748	-0.011216	0.0018179	-0.020935
0.0142317	0.0067086	-0.047149	-0.011429	-0.027358	0.0297553	0.001668	-0.012474	-0.016141	-0.069442
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-0.021745	0.0281628	-0.016377	0.0101511	-0.031782	0.0043961	-0.034465	-0.010748	0.0245678	-0.021648
-0.027141	0.0258622	-0.015622	0.0130466	-0.017835	0.0200472	0.0090069	0.0209597	0.003367	-0.019075
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-0.007433	-0.048792	-0.030196	0.0263008	-0.028687	0.0126228	0.0055641	-0.024014	-0.015363	-0.056155
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0.0271612	0.0516549	-7.29E-04	-0.017862	-0.050074	0.0014795	-0.019633	0.031033	-0.022453	-0.016667
-0.026282	0.0087575	-0.054579	0.0294673	-0.003018	0.0413761	0.0028146	-0.007023	-0.037811	-0.009984
-0.013746	-0.01919	-0.03993	0.0300309	0.0185056	0.0274055	-0.020687	-0.026556	-0.032945	-0.006235
-0.053289	0.0139609	0.0086033	0.0036206	-0.018872	0.0021055	-0.059528	-0.020717	-0.005701	0.0193885
-0.02578	0.0090618	-0.011865	0.0016541	-0.0188	-0.009421	9.67E-04	0.0187569	0.0069287	-0.005348
0.0308222	0.0326803	-0.008879	0.0054058	-0.009159	-0.010496	8.93E-04	0.0282661	-0.003306	-0.029836

Supporting information

0.042707	-0.022247	-0.015406	0.0253833	0.0160608	0.0163382	-0.019949	-0.002348	-0.006641	-0.008885
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0.0088782	-0.03101	0.0025222	-0.007974	-0.005197	-0.002403	-0.022961	8.27E-05	-0.052774	-0.002192
0.0356693	-0.018512	1.64E-05	-0.0484	-0.019585	0.0253792	0.021508	-0.001502	-0.023427	8.37E-04
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-0.026855	0.0041045	0.0355133	-0.010989	-0.003018	-0.048251	-0.029405	0.0217353	-0.035182	0.0139017
-0.019168	-0.002171	0.0208315	-0.049173	-0.018193	-0.035126	0.0137287	0.0652594	0.0283867	0.0044539
-0.013857	-0.042348	-0.024206	-0.044346	0.0061141	9.28E-04	0.0315609	0.0079824	0.0014499	-0.055957
0.0020581	-0.008394	0.0153886	-0.013547	0.043165	-0.018159	0.0027035	-0.033925	-0.047877	-0.028751
-0.052919	-0.010946	0.0452117	-0.001504	0.0489702	-0.010925	0.0143748	-0.014192	-0.005158	0.0215083
-0.036371	-0.020294	-0.012807	-0.029536	-0.009305	-0.021906	0.0312444	7.85E-04	-0.024087	-0.00208
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-0.005634	-0.059583	-0.004989	-0.025585	0.0128991	-0.02707	-0.038492	-0.074855	-0.010201	-0.057371
-0.091877	-0.079525	0.0320068	-0.032859	0.01835	-0.015408	-0.028786	-0.049618	-0.022488	-0.013556
-0.076264	-0.003135	0.0362018	-0.030973	-0.006669	-0.043201	0.0064596	-0.03067	0.012553	0.016617
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0.0167158	-0.032085	-0.072868	-0.071354	-0.047374	-0.055184	-0.013291	-0.024886	-0.011345	-0.022822
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-0.035531	-0.027106	-0.063788	-0.036296	-0.039648	-0.060927	-0.017553	-0.057645	-0.002906	-0.007488
-0.007059	-0.010473	-0.037611	-0.049072	-0.033685	-0.062263	-0.010247	-0.063234	-0.02871	-0.041632
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-0.043211	-0.034329	-0.058182	-0.021132	-0.057586	-0.015691	0.0384615	-0.029395	0.0283867	-0.026044
-0.02301	-0.030142	-0.050714	-0.036676	-0.025639	-0.006468	0.0339418	-0.007277	0.0269799	-0.005718
-0.01452	0.0196173	-0.01447	-0.005197	0.0078954	0.010251	-0.040474	-0.074544	-0.027886	-0.008664
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6.08E-04	0.0036156	-0.026037	0.0040378	0.0050564	0.0509185	0.0159372	-0.013441	0.0255388	-0.010569
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-0.086174	-0.0038	-0.008879	0.0298295	-0.059736	-0.02927	-0.055174	-0.021737	0.0016339	0.0161892
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0.0059752	0.0043303	-0.059224	0.0194069	-0.032164	-0.006071	-0.009923	0.0049845	-0.001848	-0.012502
0.0198112	0.0232198	-0.047551	0.0195249	-0.009889	0.0166048	-0.012004	0.0020442	-0.072701	-0.041632
0.0329515	0.0376922	0.0113507	0.017094	-0.036951	0.0150076	-0.031019	-0.018742	-0.020884	0.006046
0.0181814	0.010969	6.88E-04	0.0510336	-0.033478	0.0111906	-0.030161	0.018834	-0.01295	0.0147532
0.0116053	-0.014637	0.0073499	-0.006939	-0.034856	0.0282265	3.77E-04	0.040372	-0.027954	-0.022609
0.0040122	-0.037281	-0.011502	-0.056627	-0.029942	-0.021767	-0.022892	0.0256341	-0.0342	0.0258191
-0.013672	0.0018153	-0.022723	-0.034286	-0.019692	-0.02676	-0.051399	-0.008582	-0.03922	0.0313388
0.0122702	0.0180214	0.0037617	0.0033554	-0.024512	-0.001381	-0.024946	-0.031769	-0.029875	0.0181762
0.025423	0.0106633	0.0087555	-0.0355	-0.023983	0.0161859	-0.009671	0.0170257	0.0024812	0.0159948
0.0300875	-0.023661	-0.007122	-0.069019	-0.00894	0.0221259	0.0128939	0.0135076	2.38E-04	1.24E-04

Supporting information

0.0327053	-0.016651	0.0060245	0.0036206	-0.00172	0.0391232	0.0125908	0.0073061	-0.03172	-0.006751
0.0116835	-0.027526	0.0127309	0.0198789	0.026201	0.0046554	-0.024703	0.01366	0.0032931	0.015956
0.0221273	-0.021786	0.0108151	0.0344845	0.0187781	0.016224	-0.031909	-0.00187	-0.005918	0.0322656
0.0600515	0.0343311	0.0479932	-0.006198	-0.009597	0.033304	0.01055	0.0376659	0.00226	0.0359927
0.0684335	0.0200074	0.0107386	-0.035119	0.0119397	0.0427497	0.0230963	0.031946	-0.042624	0.0330731
0.0273233	-5.74E-04	-0.008587	-0.013839	0.0368271	0.0252626	0.0428662	0.0259867	-0.047647	0.009133
0.016874	-0.003098	0.0479516	0.0205089	0.0256467	-0.026588	0.0011511	0.0263396	-0.005882	0.0057044
0.0214871	-0.011491	0.0298444	0.0085764	0.0251723	1.94E-04	-0.018118	-1.76E-04	-0.031583	0.0014375
0.042665	-1.27E-04	-0.005579	-0.02562	0.0417668	0.0414164	0.0141087	0.0174098	-0.025403	-0.016739
-0.014483	-0.008358	-0.020736	-0.045668	-7.46E-06	0.0503828	0.0183105	0.0068183	-0.03032	-0.005607
-0.011047	-0.0112	0.0135765	-0.048366	-0.007513	7.81E-04	0.0202724	-0.022824	-0.019974	0.0272522
0.0165576	-0.027316	0.0078812	0.0071219	0.0336723	4.14E-04	-0.006239	-0.022088	0.0243738	0.0273719
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-0.030913	0.005348	0.0148094	-0.008379	0.061248	-0.021801	0.0177351	0.0282267	-0.016776	0.0296915
-0.018585	0.0032399	0.0128461	-0.002962	0.0400458	-0.019564	0.0458823	0.0163351	0.0059984	-0.008591
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0.0065157	-0.033881	-0.03155	-0.019913	0.020534	-0.012603	-3.22E-04	-0.022544	-0.005737	0.0175129
-0.001635	-0.00938	-0.024946	0.0048353	0.0125918	-0.016821	-0.022368	-0.025792	0.0161151	-0.004496
0.0049734	0.0046693	-0.021482	-0.024058	0.0189728	-0.004658	0.0326307	-0.018989	0.0057011	-0.025585
-0.025852	0.0098999	-0.024206	0.0035448	0.0110207	-0.044428	0.0361758	-0.024153	-0.013341	-0.023284
-0.047734	-0.029585	-0.024347	0.026181	0.0077055	-0.074944	0.006609	-0.054921	-0.016953	-0.035326
-0.041001	-0.0438	-0.01824	-0.013547	-0.01762	-0.041638	0.0029628	-0.046976	-0.023462	-0.027593
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-0.027676	0.0206323	0.0172859	0.0025228	2.16E-04	-0.026242	0.0330673	-0.014799	-0.01106	-0.056812
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-0.010564	0.0241251	1.66E-04	-0.020379	-0.04714	4.87E-04	-0.05566	-0.050572	-0.008227	0.0023779
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-0.020477	-0.027211	-0.036756	-0.010953	-0.057651	0.0101759	-0.056372	-0.017999	-0.010093	-0.036808
-0.038396	-0.005533	-0.011357	0.0067018	-0.01294	0.0132272	-0.044047	-0.00655	0.0206668	-0.001334
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-0.017746	-0.030837	-0.00613	0.0408387	-0.011162	0.0111906	-0.022542	-0.013369	-0.014406	-0.012138
-0.016868	-0.023096	0.0133457	0.0537477	-0.005197	-0.008091	-0.038727	-0.009088	-0.00729	-0.037186
0.006091	0.0237706	0.0015481	0.0027119	-0.012034	-0.002075	-0.034635	0.0229791	0.0131573	-0.044988
0.0227684	-0.001837	-0.02205	-0.017862	-0.028687	-0.019704	-0.040072	0.0063685	-0.00214	-0.007709
0.0250197	-0.011164	0.00459	0.0037723	-0.015178	0.0347317	-0.015391	0.0133934	-0.040391	-0.01119
-0.020985	-0.029063	0.0503737	0.0495564	0.0103327	0.0688047	8.93E-04	0.0208048	-0.030798	0.0021896
-0.023227	-0.027631	0.0349067	0.0341591	0.0150944	0.0406507	-0.04101	0.0222013	-0.003815	7.99E-04
0.0557041	-0.011709	-0.006902	-0.044142	-0.023242	-0.031799	-0.049203	0.0343368	0.0300337	0.0249059
0.0784367	-3.87E-04	5.01E-04	-0.012964	-0.017549	-0.02569	-0.009491	0.0079072	-0.004723	0.0112417

Supporting information

0.0250197	0.0196173	0.046455	0.0247063	-0.019692	-0.010889	-0.017623	-0.00945	-0.046495	-0.033561
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-0.022143	-0.034398	0.0145394	-0.03258	-0.005197	-0.017526	-0.031874	0.0239533	-0.032605	-1.00E-04
0.0130145	-0.041875	0.0030476	-0.034043	-8.27E-04	0.0460395	0.022592	0.0091497	-0.025852	0.0212723
-0.005822	-0.023908	0.046289	-0.00753	0.0213558	0.0448995	0.0033706	-0.007821	-0.022801	-0.00368
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0.0297206	-0.006232	0.0207924	-0.004007	0.0120164	-0.033975	-0.015356	-0.005202	-0.023358	0.0023026
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Supporting information

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-0.016832	-0.025316	0.0030101	-0.049173	-0.023913	-0.042038	0.0144509	0.0419956	0.0457963	0.0245887
-0.001445	-0.043429	-0.001287	-0.054908	-0.017835	0.0051004	0.0218562	-0.012975	-0.028984	0.0117801
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0.0121919	0.0284015	0.0377854	0.0035827	0.0504337	0.0275618	0.0626006	0.0984149	0.0993193	0.0664966
0.0419519	0.0463143	0.0530199	-0.012453	0.0354086	0.043357	0.0916914	0.0479328	0.0314504	0.0186842

Supporting information

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0.0048964	0.0660814	0.0359182	0.0593999	0.0626673	0.0864739	0.0877102	0.0760764	0.1182521	0.0511875
0.0398615	0.0794792	0.0154658	0.0340778	0.0760101	0.1009421	0.0667003	0.0347365	0.0613073	0.0567
0.0061296	0.0500625	0.0024472	0.0172113	0.0546849	0.0573985	0.0993485	0.029845	0.0501365	0.0347333
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0.0386536	0.0867913	0.0388852	0.075423	0.0408235	0.096386	0.1054509	0.0832614	0.1020005	0.077727
0.0425391	0.0777372	0.075856	0.0940159	0.0566349	0.1054531	0.1198546	0.0672376	0.111375	0.0611178
0.0777535	0.0886616	0.0930675	0.0410039	0.0417258	0.1174441	0.0831854	0.0653882	0.0863798	0.0370519
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0.0905934	0.0577852	0.0742161	0.0656509	0.066997	0.123883	0.0696711	0.1183621	0.0194764	0.037705
0.0571773	0.0056499	0.0495369	0.0487146	0.0441547	0.0891221	0.0401535	0.0742767	0.0301909	0.0466189
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0.1017033	0.0751592	0.1014646	0.0972484	0.1104365	0.112	0.0427038	0.0939001	0.0537314	0.0920241
0.0714283	0.0991181	0.1088279	0.0492195	0.0765436	0.0785369	0.0438014	0.0978595	0.0636782	0.0941121
0.0359999	0.0359072	0.087467	0.0789702	0.0979693	0.0755158	0.0790161	0.0897495	0.094416	0.1276547
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0.0941707	0.093396	0.0882431	0.0661321	0.1302125	0.1037734	0.1319011	0.1303068	0.0906502	0.1331665
0.0559637	0.0781832	0.117783	0.0961213	0.1026204	0.0455506	0.1180157	0.0694846	0.1143703	0.1291143
0.0596585	0.0656043	0.1247344	0.0884046	0.0837194	0.0376011	0.0983782	0.077398	0.1045583	0.0935543
0.0645754	0.0941824	0.1065343	0.0584957	0.0942932	0.0701387	0.125271	0.065474	0.0961053	0.0595686
0.0840798	0.107869	0.1172454	0.0735934	0.1115922	0.0968898	0.14204	0.076957	0.1054455	0.1091128
0.0576985	0.0956665	0.0703403	0.0757361	0.1046562	0.1119051	0.1179674	0.0242265	0.1150388	0.1426325
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0.068389	0.0957594	0.0961276	0.1197336	0.1090441	0.0854459	0.1193215	0.121281	0.0921889	0.0454946
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0.0619344	0.0843403	0.0353919	0.0946231	0.0785498	0.1226167	0.0665287	0.1073984	0.0617297	-0.016523
0.1088308	0.0657344	0.0968727	0.1369062	0.1281538	0.1278517	0.0289963	0.1005968	0.1291219	0.0158783
0.0624174	0.0726846	0.1025494	0.060911	0.0738829	0.095517	0.0393469	0.1108158	0.1123236	0.0775031
0.0754839	0.0784064	0.0967795	0.0381217	0.0600045	0.1201436	0.1076614	0.0933505	0.0350921	0.0901303
0.0939817	0.0599621	0.0765672	0.0482942	0.0581672	0.0925119	0.0620484	0.0267714	-8.61E-04	0.0205257
0.0901249	0.0471444	0.0959881	0.0072748	0.0267559	0.0605065	-0.009779	0.0248516	0.0217062	0.0328307
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Supporting information

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0.0491782	0.0398522	0.0119252	-0.012161	-0.038865	-0.05064	0.0161663	0.0218129	0.066361	-0.001073
-0.009337	0.0501044	0.0048539	0.0161566	0.0159834	0.0103261	0.0183488	0.0039774	0.029131	-0.008444
0.0158467	0.0705308	-0.007415	0.0025606	-1.94E-04	-0.001783	0.0393469	-0.004143	0.0323975	-0.00826
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0.04078	0.0343714	-0.001212	0.0229591	-0.003536	0.005286	0.0017419	-0.033823	0.0020389	-0.044042
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0.082973	0.0874291	0.1029273	0.1103764	0.0656068	0.0630854	-0.00245	0.0283055	-0.021687	-2.50E-04
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0.2564531	0.2085096	0.224527	0.1938567	0.1998881	0.186355	0.0663143	0.1172	0.0224391	0.0910992
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0.3442108	0.3073208	0.276691	0.3416754	0.2703678	0.2872776	0.2706408	0.2705601	0.2177961	0.2155136
0.3369588	0.2237753	0.2597492	0.3751277	0.3749253	0.3556203	0.2989961	0.313275	0.2553987	0.2709464
0.315194	0.2821236	0.3655013	0.3576511	0.3762536	0.3467304	0.2760267	0.3674838	0.3846096	0.351162
0.2987621	0.3753905	0.3761868	0.2656798	0.2829902	0.2852927	0.3102007	0.3836122	0.38257	0.3366941
0.3239299	0.3401457	0.2906641	0.240374	0.2092054	0.3486085	0.3680033	0.323107	0.2997004	0.310734
0.3401947	0.2950907	0.2960866	0.337649	0.3117555	0.3958476	0.3410366	0.2594824	0.2241996	0.3120381
0.3306398	0.2635422	0.3236351	0.3722838	0.4028614	0.3876238	0.3096749	0.2960028	0.2317605	0.3092811

Supporting information

0.2854915	0.3338293	0.3239495	0.2728068	0.336369	0.2766791	0.2973146	0.3945545	0.3680408	0.3578546
0.2594854	0.30079	0.2890649	0.2852412	0.3014061	0.2692543	0.3232485	0.3748601	0.3596518	0.3407789
0.2601083	0.2260902	0.3044999	0.3310738	0.3235343	0.3181944	0.3043768	0.3168594	0.3139681	0.2646326
0.2774888	0.1711834	0.3038989	0.3465737	0.3663454	0.3021668	0.2435723	0.3474729	0.327316	0.312807
0.2282043	0.2395325	0.2742299	0.239786	0.3055314	0.1841081	0.2317422	0.3710262	0.3770317	0.3380786
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0.2623998	0.1924251	0.2139019	0.1773176	0.2550721	0.328931	0.3045994	0.2053	0.2361589	0.2187241
0.2439301	0.2348987	0.2986751	0.2627788	0.2403616	0.2534584	0.2411932	0.2577413	0.2161646	0.2387621
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0.1317156	0.2188119	0.2299386	0.2519688	0.2719693	0.1782093	0.2284294	0.297758	0.296786	0.2840001
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Supporting information

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Supporting information

[illegible]

Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.036509	0.0226393	0.0577031	0.0532494	0.046596	0.0109818	-0.001896	-0.016623	-0.076198	-0.060445

Supporting information

-0.02217	-0.029831	0.0156411	0.0048962	0.036791	-0.010231	0.0334484	0.0368699	-0.008481	-0.001319
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0.0034779	-0.002793	0.0645451	0.063902	0.0438848	0.0800136	0.0434755	0.037235	0.063211	0.0176076
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0.0062538	-0.023538	0.0363226	0.012158	0.0588598	0.0638136	0.0198115	0.020439	0.00296	0.0302481
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-0.004782	-0.023573	0.0381214	0.0113958	-0.004392	-0.025967	0.0035692	0.0309501	0.0554468	0.1116751

Supporting information

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Supporting information

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0.0550555	0.0599612	0.0029348	0.0453148	0.0013386	0.0161572	0.0381311	0.014699	0.0474831	0.0299296
0.0362189	0.0357542	0.0164406	0.0130743	-0.01563	0.0203265	0.037046	0.0234163	0.0502622	0.0275083
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0.032799	0.0606915	-0.023505	0.0328974	0.0410664	0.0253752	0.0111036	0.0537361	0.0757506	0.0350949
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Supporting information

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0.1075798	0.0820605	0.0941826	0.0169132	0.0262033	0.0517507	0.0580575	0.1097632	0.0425996	0.1346124
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Supporting information

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0.0115119	-0.003795	0.0050083	-0.041585	-0.025027	-0.011224	-0.044373	0.0217293	-0.006298	-0.003794
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0.0284413	-0.002162	0.0303012	-0.020136	0.0240131	-0.043001	-0.020395	-0.021046	-0.010211	0.0189251
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0.0628511	0.059018	-8.90E-04	-0.016509	0.0178603	-0.019921	0.0264197	5.23E-04	-0.003246	-0.057135
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0.2198069	0.2098932	0.1419238	0.1591717	0.1241782	0.0605061	0.1025593	0.0614335	0.0720483	-6.89E-04
0.2952329	0.2590696	0.1615918	0.1250728	0.1928674	0.1593458	0.164297	0.080376	0.0638207	0.0450362
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0.2713392	0.336768	0.3434118	0.316442	0.239789	0.1904834	0.240565	0.1723279	0.1674321	0.1090882
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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0.0378071	0.0016744	-0.014026	-0.010552	-0.039413	-0.035099	-0.070127	-0.060852	-0.088806	-0.065342
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-0.016973	-0.051313	-0.015836	-0.04565	-0.074851	-0.028479	-0.038625	-0.011329	-0.086517	-0.028371
-0.048718	-0.057793	-0.045568	-0.048059	-0.061785	-0.016953	-0.046289	-0.041157	-0.087512	-0.009379
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-0.034454	-0.038465	-0.023383	-0.002587	-0.032443	-0.042436	-0.094292	-0.056044	-0.04108	-0.024358
-0.061589	-0.009939	-6.28E-04	-0.015652	-0.049414	-0.015761	-0.067766	-0.013039	-0.052754	-0.053015
-0.024882	-0.02944	-0.046064	-0.054331	-0.047378	-1.18E-04	-0.008855	0.0130753	-0.076593	-0.064864
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-0.045122	-0.054761	-0.037457	-7.20E-04	-0.036851	-0.020507	-0.078415	-0.046165	-0.048887	-0.020767
0.0064846	-0.005162	0.0207191	0.0140601	-0.054247	-0.014929	-0.074779	-0.016006	-0.046411	-0.025094
0.0218825	-0.007758	0.0145228	-0.024843	-0.025218	0.0116963	-0.021493	0.0287401	-0.029153	-0.009923
0.015067	-0.018023	0.0160827	-0.017492	0.0106431	0.0494946	0.0409793	0.0116509	-0.03046	0.0205896
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0.0482866	0.0121547	0.0438198	-0.011054	-0.019978	0.0384196	0.0365229	0.0447423	0.0032768	0.0427635
0.063722	-0.012506	1.06E-04	-0.018479	0.0172679	0.0477755	0.0625464	0.0409019	-0.030597	0.0421502
0.0467567	0.0285236	0.0326303	0.0621898	0.0883758	0.0543107	0.0107044	-6.58E-05	-0.022942	0.030619
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0.1189034	0.0752038	0.0978266	0.0813981	0.0266841	0.0300236	0.0131643	0.0830038	0.0428963	0.084205
0.0819433	0.020904	0.0796707	0.0437951	0.085142	0.0838396	0.1052618	0.0849104	0.0713846	0.1282749
0.0679635	0.0383414	0.0567259	0.0546631	0.1155404	0.1054675	0.1547189	0.088795	0.0877573	0.1248013
0.0593561	0.0513412	0.0611851	0.068599	0.0828791	0.0186841	0.0845588	0.1065512	0.1138704	0.1214044
0.0745114	0.0613103	0.0612697	0.0037431	0.042846	0.0131621	0.0643207	0.1098635	0.1135832	0.1277769
0.1004166	0.0920719	0.0793179	-0.00441	0.066099	0.0451887	0.07286	0.126464	0.1079723	0.149459
0.1185713	0.0889642	0.0995322	0.010393	0.0668814	0.0648453	0.0927219	0.085229	0.0975627	0.137184
0.0469577	0.0110495	0.0843285	0.0240451	0.0558836	0.070673	0.099534	0.084274	0.1087762	0.1579639
0.0276129	0.0027933	0.1024983	0.0850487	0.1040147	0.0785968	0.0846042	0.1008031	0.0890218	0.1096961

Supporting information

0.0889285	0.0700723	0.1094833	0.0891363	0.116271	0.1118708	0.1054047	0.1143682	0.0986711	0.0963005
0.1073843	0.0931282	0.1004107	0.0895426	0.1433752	0.1403841	0.1451599	0.1341414	0.1005247	0.1350027
0.0702483	0.0683752	0.0759801	0.0892265	0.1690243	0.157444	0.1655319	0.0776018	0.0884794	0.1337901
0.0499433	0.0431504	0.0863401	0.1103138	0.156866	0.1196518	0.1413633	0.1063122	0.135269	0.1443625
0.1166316	0.0964049	0.148107	0.0833977	0.1246882	0.0830673	0.1578808	0.1929885	0.1747412	0.1104128
0.1583156	0.1466918	0.171342	0.1071976	0.1335252	0.086302	0.1677272	0.1521406	0.1627327	0.1301222
0.1229077	0.156263	0.1508533	0.1609147	0.1526579	0.0910377	0.1658057	0.1032166	0.1586255	0.1216987
0.0839089	0.110004	0.1305928	0.168704	0.1898262	0.1535827	0.1144597	0.0239297	0.1404311	0.1387123
0.1005986	0.1123045	0.1817651	0.1683789	0.1371416	0.1054675	0.0959747	0.0436238	0.1138225	0.1568983
0.1489604	0.1641505	0.1551894	0.1401241	0.1330182	0.0643234	0.1196004	0.0923442	0.1006176	0.0708193
0.1464758	0.1715226	0.1139008	0.1064925	0.1231006	0.0796764	0.1360624	0.0881528	0.1008499	0.0256737
0.1073843	0.1488819	0.0897137	0.0761105	0.1235465	0.1204426	0.0848769	0.058051	0.1255188	0.0736218
0.0643075	0.1267666	0.1364868	0.1058823	0.1006628	0.1380081	0.0694241	0.0539221	0.119219	0.0829464
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0.0740404	0.1132667	0.091569	0.1007069	0.0337617	0.0643234	0.0775286	0.1218328	0.0799808	0.0587244
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0.13059	0.1016717	0.117737	0.0949059	0.0699816	0.0484037	0.0162589	0.0479478	0.0120139	0.0433368
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0.0623868	0.0827696	0.0671885	0.0487836	0.0433403	0.0115037	0.0675415	0.0165597	0.0869464	0.0511084
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0.0273822	0.0729157	0.1109034	0.0974746	0.0745629	0.0384196	0.0600488	0.0043713	0.0444037	0.0386505
0.0686815	0.0938644	0.1105716	0.1085169	0.0485227	0.0698797	0.0866537	0.0339685	0.0808676	0.0257524
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0.0675838	0.0658203	0.0789653	0.0803797	0.0352558	0.0651066	0.1026015	0.0881986	0.0453843	0.0218356
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Supporting information

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0.0414839	-0.00111	-0.014878	0.0037431	-0.045199	0.0399376	-0.050437	-0.012894	-0.070434	-0.01928
0.0384374	0.0023454	0.0077403	0.0030023	0.0117914	0.0193891	-0.046356	0.0076339	0.012848	0.0571144
0.0172018	0.013454	0.0458968	-0.037838	-0.010142	-7.93E-04	-0.010902	0.0210138	0.0363974	0.0561849
0.0535615	-0.001924	0.0432514	-0.059746	-0.037399	-0.026755	0.0128176	0.0061893	-0.066974	0.0132263
0.0503889	-0.028086	-0.005624	-0.056015	-0.001754	-0.024706	-0.028098	-0.003457	-0.075387	0.0187274
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0.0067778	0.0064308	-0.031007	0.0212569	-0.003237	0.009545	-0.032804	-0.027185	-0.035175	-0.029447
-0.029323	0.0260739	-0.011815	-0.010516	-0.032166	5.57E-04	-0.01921	-0.00649	-0.033881	-0.038261
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-0.016243	0.0078642	-0.057763	-0.027508	-0.071321	-0.023997	-0.029777	0.0072533	-0.025902	0.0190372
-0.019637	-0.006773	-0.031759	0.0035578	-0.042333	-0.018895	-0.05652	-0.048279	-0.041281	-0.009524
-0.030267	0.0084691	-0.044939	-2.21E-05	-0.011597	-0.044742	-0.088292	-0.049483	-0.047601	-0.039888
0.021579	0.0640967	0.0112314	0.0204471	-0.003422	0.0056158	-0.059954	-0.015465	0.0030541	-0.001986
0.0617207	0.0335851	0.0762427	0.0578009	-0.017369	0.0392395	-0.01174	0.0179223	0.0032768	-1.73E-04
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0.1248276	0.0919802	0.0394541	0.0375788	-0.019122	-0.003887	-0.003881	0.0140404	-0.033916	-0.021721
0.1656515	0.1964575	0.1166306	0.0793195	0.0314297	0.0169656	-0.002061	0.0507565	-0.030391	-0.005478
0.2063402	0.2414662	0.1990156	0.1449212	0.0954738	0.0966211	0.0627192	0.0927146	0.0406248	0.0601701

Supporting information

0.2631786	0.2126805	0.2221554	0.1778518	0.160521	0.1639567	0.1400707	0.0822344	0.0964571	0.0955143
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0.302912	0.2996741	0.2390814	0.219415	0.19162	0.1582527	0.1312805	0.126965	0.0820676	0.1312745
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Supporting information

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Supporting information

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-0.228449	-0.163726	-0.167541	-0.174533	-0.184718	-0.184509	-0.151857	-0.204601	-0.188584	-0.183667
-0.171953	-0.181401	-0.182659	-0.197549	-0.195331	-0.174494	-0.15598	-0.158082	-0.129431	-0.16807
-0.165816	-0.16433	-0.156706	-0.181179	-0.160264	-0.152065	-0.140702	-0.166971	-0.156622	-0.177944
-0.198445	-0.16163	-0.146424	-0.197595	-0.186047	-0.169777	-0.161426	-0.178871	-0.156039	-0.137639
-0.198836	-0.167514	-0.199314	-0.182309	-0.185875	-0.186066	-0.128451	-0.155095	-0.115239	-0.110965
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-0.18772	-0.178951	-0.198419	-0.173799	-0.175454	-0.149408	-0.16716	-0.159859	-0.14087	-0.183137
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Supporting information

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-0.037671	-0.024076	-0.06735	-0.047202	-0.039924	-0.041254	0.0238056	-0.043754	-0.013245	-0.059859
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Supporting information

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-0.005533	0.0251805	-0.001379	-0.016025	-0.005623	-0.0189	-0.009173	-0.022104	-0.013527	-0.056708
-0.011807	-0.001685	0.0151623	0.0266745	0.0271829	-0.015879	0.0308966	-0.038659	0.0165673	-0.024814
0.0158841	0.0018419	-0.00239	0.0485028	-0.010067	0.0162925	0.0728379	0.0154523	0.0383435	0.0066872
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-0.004635	0.0563198	-0.006946	-0.004031	0.0353265	0.0461488	-0.012186	-0.013849	0.0232199	-0.015158
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0.0146411	0.0380587	-0.01149	0.0309297	-0.039374	-0.041976	0.0020791	0.0373542	0.0395351	-0.0117
0.0290971	0.0110877	-0.021336	0.0238478	-0.001472	0.0299756	0.0184167	0.0361191	0.0107589	-0.026097
0.0234564	0.0187667	-0.016825	0.0321476	-0.011391	0.0562322	0.007457	0.0229138	-0.008072	-0.005427
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0.0186086	0.0405518	0.0466955	0.0362981	-0.007035	0.0473965	0.0044026	0.0418462	0.0160018	0.0116442
-0.002398	0.0168915	0.018139	0.0370535	-0.027611	0.0137486	-0.011933	0.0411211	0.0031576	0.0091962
0.0032078	0.0681464	0.0437579	0.0776023	0.0390642	0.0475174	4.38E-04	0.0036634	0.010238	0.0298862
0.0029148	0.0590885	0.046534	0.0740351	0.0345501	0.0482033	0.0029021	0.0215651	0.0405705	0.0302014
0.0464322	0.0133545	-0.002858	0.0184396	-0.034769	0.0565614	0.0515496	0.0613463	0.0249087	0.0071355
0.0414426	0.0288156	-0.012266	0.0061874	-0.06355	0.0403599	0.0205174	0.0815425	-0.008036	0.0041556
0.0078857	0.0204961	-0.066013	0.0211544	-0.03131	0.0434244	0.0014442	0.0446368	0.0043664	0.0154375

Supporting information

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0.0404435	0.0043204	-0.017557	0.0477681	-0.01421	0.054385	-0.010265	0.0167441	0.0306769	0.0379565
0.0254956	-0.011882	-0.028933	0.0021667	0.0180479	0.0523419	-0.0087	6.46E-04	0.0131103	0.0235906
0.0087754	-0.007067	-0.060811	0.0091249	-0.011464	0.0378292	-0.017077	-1.60E-04	-0.037026	0.0178827
0.0509478	-0.002014	-0.021232	0.026558	-0.007147	0.0371988	-0.049058	-0.052763	-0.034417	0.0241344
0.0484198	0.0171589	0.0169685	0.0458962	-0.019937	0.04179	-0.003011	0.0212574	-0.012681	0.0235906
0.0373015	-0.019429	0.0292054	0.0121951	-0.001886	0.0664289	0.0324571	0.0428956	0.0090129	0.0328504
0.0161482	-0.027778	0.0128404	0.0023136	0.0114561	0.0447844	0.0140534	0.0137484	-0.025196	0.0302803
0.0309677	0.0393839	0.0429965	0.0119322	0.0215996	0.0098126	0.0161716	0.0209499	-0.001644	0.0274118
0.0840328	0.0597624	0.0792602	0.0201583	0.0154617	0.0193801	-0.007787	0.0396345	-0.013878	0.030438
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0.0428451	0.011691	0.0285078	0.0014697	0.0109531	0.0366873	-0.00445	0.0421688	-0.025983	0.0300832
0.021656	0.0056952	0.0428364	0.012571	0.0110305	0.0117019	-0.009829	0.0090129	-0.050067	0.0358749
0.0431664	0.0042462	0.0499785	-0.011281	-0.007258	-0.02909	-0.007751	0.0046984	-0.038092	0.025536
0.0481759	0.0168151	0.0329056	-0.033385	-0.035048	-0.009739	0.0184167	0.0334615	-0.018253	0.025614
0.0360352	0.0055464	0.0352983	0.0127215	0.0205706	0.0443039	0.0260511	0.0846012	0.0163787	0.0158187
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0.0404834	0.0541924	0.0351803	0.1080892	0.0577341	0.0996289	0.0747336	0.0185743	0.1100761	0.0345193
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0.0479728	0.0941329	0.0079749	0.0640985	0.0077557	0.0476787	0.0510473	0.044434	0.0313009	0.0261604
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0.0876222	0.1007525	0.0882751	0.1044495	0.0487837	0.0819036	0.0519686	0.0996734	0.078892	0.0920278
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0.1278769	0.1115869	0.1295446	0.0725646	0.0512374	0.1020449	0.0425954	0.0857148	0.0733965	0.098253
0.1436855	0.0691358	0.1166425	0.0996896	0.0606724	0.0891645	0.0331792	0.0688317	0.0308718	0.0428798
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Supporting information

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0.029136	0.0690497	0.1054049	0.0720037	0.0899485	0.0172691	0.0588142	0.037434	0.0738697	-0.012772
0.0602478	0.0950005	0.0943607	0.0467904	0.0673569	0.0236331	0.0879668	0.0787246	0.1092814	0.1045688
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0.027312	0.0424917	0.0501413	0.0074121	-0.026016	0.0480418	0.0057574	0.0322374	-0.014616	-0.011843
0.0041246	-0.017881	0.0015592	-0.014544	-0.005884	0.0351563	0.0191547	-0.006445	-0.052937	0.0433671
-0.002434	-0.03312	-0.020126	-0.017993	-0.016321	-0.010515	-0.006397	0.0097611	0.0109823	0.0541864
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0.0127644	-0.048993	0.0059483	-0.025533	0.001809	-0.009244	0.0058705	-0.013884	0.02391	0.0129681

Supporting information

0.0022562	-0.060615	0.0122805	-0.036956	-0.035048	-0.034898	0.0236092	-0.037217	0.0058361	0.0381572
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-0.027994	-0.025221	0.0145244	-0.010569	4.48E-04	0.0190024	0.0207515	-0.014734	0.0051006	0.0013434
0.0021831	-0.016999	0.0109769	-0.008066	-0.027753	-0.055828	-0.013666	0.0087513	0.0181168	0.0543531
0.0112316	-0.040577	2.15E-04	-0.02684	-0.027505	-0.063701	0.004929	-0.027464	-0.016788	0.015628
-0.009038	-0.026328	-0.020126	-0.059225	-0.022629	-0.061605	0.0046657	-0.038693	-0.016473	-0.03778
-0.058155	-0.069907	-0.075105	-0.096295	-0.016865	-0.04332	0.0398958	-0.02043	0.0275704	0.0124381
-0.041787	-0.094555	-0.087968	-0.094065	-0.026655	-0.038485	0.0126341	-0.020744	0.0394158	0.0155518
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

[illegible]

Supporting information

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-0.15206	-0.151647	-0.1707	-0.175717	-0.165615	-0.146949	-0.128266	-0.151115	-0.142455	-0.151441
-0.154198	-0.14512	-0.163976	-0.191782	-0.163148	-0.157601	-0.187229	-0.151606	-0.146213	-0.160347
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-0.1825	-0.141506	-0.158795	-0.173909	-0.131492	-0.182109	-0.163324	-0.17441	-0.149886	-0.168753
-0.177549	-0.160483	-0.184267	-0.164828	-0.181274	-0.151121	-0.131932	-0.175145	-0.1705	-0.17729
-0.172929	-0.148755	-0.179443	-0.165714	-0.195661	-0.16106	-0.14042	-0.147843	-0.180719	-0.191732

Supporting information

-0.163093	-0.151672	-0.169266	-0.176927	-0.216163	-0.166211	-0.16463	-0.15807	-0.181011	-0.189319
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Supporting information

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Supporting information

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0.0368277	0.0488445	0.0374603	0.0479907	-6.98E-04	-0.036596	0.0517718	0.0118071	0.0151463	0.0107069
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0.0160129	0.0084885	-0.023695	-0.03996	0.0420454	0.0761446	-0.022867	0.0074617	0.0323304	0.0196605
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Supporting information

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0.0693477	0.0264456	0.0411988	0.0041053	0.027939	0.0167601	-0.019728	-0.018789	-0.011022	-0.028672
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0.0469151	0.0414215	0.0606786	0.0662017	0.0595251	0.022837	0.0033882	0.0387538	0.0200257	0.0105952
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Supporting information

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0.0757663	0.0903002	0.0771489	0.0691894	0.0434653	0.0022826	0.074914	0.1030075	0.0495189	0.0755641
0.0522726	0.0713948	0.0194241	0.0233383	0.0277822	0.0032875	0.0779283	0.0552465	0.0589665	0.0694254
0.0348616	0.0756785	0.0503852	0.0361132	0.019244	0.0331715	0.065824	0.0674838	0.0627441	0.0645087
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0.0028407	-0.042301	-0.006228	0.0063552	-4.04E-04	0.0133144	0.0347334	-3.69E-04	-0.003328	0.0276784
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0.0545656	-0.013339	-0.004453	-0.010965	-0.008086	0.0212418	0.0018034	-0.04145	-0.054492	-0.031283
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

[illegible]

Supporting information

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Supporting information

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0.0234109	-0.003032	-0.037244	-0.002719	4.25E-04	-0.037537	-0.033413	-0.018696	-0.04703	-0.064829
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Supporting information

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0.0685281	0.0763245	0.0395637	-0.0077	0.0023187	-0.001895	0.0579052	0.0481018	0.0391495	0.0586208
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0.0873726	0.0684102	-0.005433	-0.011488	0.0245163	0.0584424	0.0760624	0.1104042	0.0824203	-0.046244
0.0830396	0.0494179	0.057576	0.0701487	0.086652	0.0279471	0.0374748	0.0725727	0.0599256	0.0049859
0.0826398	0.0857216	0.1318474	0.1414178	0.1467269	0.0651998	0.0504103	0.0298598	0.0720148	0.0805238
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0.0626784	0.0726306	0.020772	0.052894	0.048416	0.019417	0.0371061	0.0752469	0.0529733	0.0257468
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0.077958	-0.001284	-0.067446	-0.030149	-0.001122	0.0489617	0.0615284	0.0466584	0.0074975	0.0289205
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0.0188628	0.0308283	0.0721209	0.0352675	-0.014365	0.0410855	0.0826057	0.0335992	0.0205693	0.0459738
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0.101054	0.0649102	0.057868	0.0711373	0.0382356	0.0310029	0.0545676	0.0886889	0.0288441	0.0295181
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Supporting information

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0.0551938	0.0261373	0.0540042	0.1287058	0.1297516	0.0673442	0.0395287	0.0354008	0.0919756	0.0602867
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Supporting information

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0.0121664	0.0032662	-0.005577	-0.050129	-0.015787	-0.047989	-0.00992	-0.042574	-0.048097	0.0394389
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-0.070538	-0.091322	-0.061051	-0.069791	-0.06226	-0.048426	-0.006378	-0.035919	-0.02218	-0.058201
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-0.051169	-0.038013	-0.075348	-0.047583	-0.054069	-0.075333	-0.05338	-0.074588	-0.042733	-0.022712
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Supporting information

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0.0521613	0.0108569	-0.002755	0.0154801	-0.017387	-0.058983	-0.036673	-0.066605	-0.070882	-0.125992
0.01573	-0.023553	-0.048854	0.0041224	-0.047958	-0.030309	-0.035774	-0.079419	-0.07085	-0.103455
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0.0408833	0.0325216	0.0133266	0.016162	-0.016224	-0.014576	-0.023057	-0.044714	-0.050225	-0.11315
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0.0114497	0.0725873	0.0432199	0.0323062	-0.042102	-0.045999	-0.025616	-0.005498	-0.029893	-0.046713
0.0445695	0.0771983	0.0267517	0.0561658	-0.005805	-0.010048	-0.010434	-0.037584	-0.056545	-0.051371
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0.0408026	0.0473717	0.0772395	0.040128	0.0595765	0.0402191	0.0044237	0.0460001	0.0195167	0.0797174
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0.0293798	-0.004267	0.0402043	-0.008561	0.0274026	0.0036763	0.0228482	-0.035305	-0.024438	0.0052497
0.0120532	0.0183154	0.0367323	0.0119739	0.0509564	0.0266668	0.0409722	0.0243886	0.0299993	0.0679724
0.0407623	0.0757575	0.0623985	0.0624046	0.0276843	9.94E-04	0.028913	0.046288	0.0356602	0.0468858
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0.038831	0.0483527	0.0279966	0.0892375	0.0860991	0.0776436	0.010081	0.0128862	0.0335236	0.0357425
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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0.0110319	0.0205355	-0.016902	-0.026475	-0.053235	-0.052371	-0.063716	-0.036409	-0.014637	-0.004547
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0.0010366	-0.012224	-0.041931	-0.033968	-0.040475	0.0159559	-0.038614	-0.024547	-0.014284	-0.036836
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0.013247	0.0160731	-0.01391	0.0299789	0.0259143	0.0155787	-0.040921	-0.01275	-0.042202	-0.021115
0.0260043	0.0403531	0.0349807	0.0361117	0.0107789	0.0136602	-0.056604	-0.009777	0.0128042	-0.03289
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Supporting information

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0.0150575	0.007809	-0.031356	-0.009314	-0.020976	0.0301077	-0.018691	0.0342928	0.0542661	0.0152906
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Supporting information

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Supporting information

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0.0288432	0.0655993	-0.017979	-0.042125	-0.02733	-0.064986	0.0898063	0.1066326	0.0909395	0.0536395
0.0381102	0.0475765	-0.024772	0.0269044	0.0188035	-0.022133	0.0633306	0.0095259	0.0411343	0.053261
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.152277	-0.181446	-0.199429	-0.223355	-0.189614	-0.173204	-0.168799	-0.143891	-0.123917	-0.158669
-0.184235	-0.175872	-0.157613	-0.185549	-0.171502	-0.164664	-0.150569	-0.164723	-0.159149	-0.159427
-0.168085	-0.170649	-0.180158	-0.183214	-0.177649	-0.18533	-0.166073	-0.165552	-0.142173	-0.102775
-0.156477	-0.166219	-0.181439	-0.154001	-0.20515	-0.187545	-0.196063	-0.197854	-0.186501	-0.160418
-0.14843	-0.144502	-0.161203	-0.170754	-0.238339	-0.214354	-0.206944	-0.176344	-0.166684	-0.179556

Supporting information

-0.20452	-0.200201	-0.162489	-0.19779	-0.203197	-0.181186	-0.20109	-0.168263	-0.147569	-0.179457
-0.19291	-0.21565	-0.197208	-0.199905	-0.183858	-0.191172	-0.184584	-0.165578	-0.173165	-0.163094
-0.206893	-0.206415	-0.202857	-0.183787	-0.171629	-0.2048	-0.171331	-0.191095	-0.192743	-0.167473
-0.196124	-0.202545	-0.215799	-0.150362	-0.176221	-0.222427	-0.181684	-0.183559	-0.198708	-0.166113
-0.187418	-0.179352	-0.195147	-0.174075	-0.171172	-0.201239	-0.168316	-0.140777	-0.1626	-0.158722
-0.201344	-0.170948	-0.171105	-0.201723	-0.176396	-0.185769	-0.164973	-0.144353	-0.150665	-0.136782
-0.163159	-0.201201	-0.204812	-0.213453	-0.172718	-0.178244	-0.154366	-0.169701	-0.166786	-0.156992
-0.16713	-0.203885	-0.188754	-0.167899	-0.150823	-0.165738	-0.158884	-0.200442	-0.176457	-0.174214
-0.172011	-0.178522	-0.171208	-0.162863	-0.154638	-0.151649	-0.16885	-0.156499	-0.130374	-0.122747
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-0.13776	-0.137355	-0.14251	-0.181241	-0.185875	-0.15294	-0.137476	-0.125545	-0.139584	-0.129737
-0.154174	-0.161692	-0.132263	-0.146068	-0.154268	-0.1695	-0.133031	-0.12953	-0.124478	-0.145578
-0.126407	-0.140303	-0.11066	-0.102725	-0.115299	-0.1622	-0.127341	-0.124037	-0.111258	-0.127073
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-0.109406	-0.119097	-0.100531	-0.120786	-0.072038	-0.081449	-0.099804	-0.100022	-0.12674	-0.08212
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-0.101747	-0.123477	-0.096705	-0.124709	-0.067903	-0.112315	-0.098731	-0.111727	-0.103423	-0.065812
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-0.093594	-0.088457	-0.095759	-0.095925	-0.047564	-0.088246	-0.083425	-0.081159	-0.090475	-0.032531
-0.07339	-0.079611	-0.070819	-0.09391	-0.057309	-0.096228	-0.058258	-0.068653	-0.062975	-0.052089
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-0.087104	-0.079458	-0.075327	-0.132086	-0.0865	-0.044084	-0.057996	-0.046816	-0.030219	-0.02626
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-0.093415	-0.065852	-0.107845	-0.070427	-0.00341	-0.055816	-0.022639	-0.070269	-0.060289	-0.013697
-0.108859	-0.072927	-0.065609	-0.06132	-0.045059	-0.09286	-0.043939	-0.125033	-0.062362	-0.008738
-0.066462	-0.025974	-0.049116	-0.064639	-0.0889	-0.094728	-0.077793	-0.119656	-0.049709	-0.049944
-0.035003	0.005061	-0.021183	-0.06382	-0.058791	-0.077776	-0.025827	-0.044324	-0.029871	-0.075771
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-0.096062	-0.056626	-0.095911	-0.048125	-0.02048	-0.064701	-0.031508	-0.098997	-0.056442	-0.002149
-0.11775	-0.068696	-0.053988	-0.033462	-0.03256	-0.07715	-0.052454	-0.081474	-0.059379	-0.049742
-0.080547	-0.045807	0.0212505	-0.007333	-0.038941	-0.097306	-0.05888	-0.062755	-0.012394	-0.063799
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-0.030268	-0.015031	-0.017539	-0.025727	-0.026473	-0.070398	-0.021998	-0.00941	0.0204211	-0.056976
-0.038233	-0.018085	-0.061924	-0.02762	-0.004679	-0.053937	-0.011474	-0.016986	0.0159875	-0.053991
-0.066144	-0.082092	-0.092692	-0.035987	-0.027323	-0.048353	-0.018064	-0.077147	-0.057782	-0.016645
-0.038842	-0.058693	-0.090624	-0.033603	-0.054461	-0.074008	-0.058258	-0.125175	-0.077598	-0.002112
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Supporting information

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-0.028054	0.0042407	-0.012644	-0.019088	-0.07012	-0.043543	-0.035427	-0.032139	-0.022214	-0.029513
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-0.00498	0.0203682	-0.032396	-0.018215	-0.02619	0.0111011	-0.03684	-0.010484	-0.028092	-0.006813
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-0.004028	-0.001238	-0.004312	0.0094208	-0.051829	-0.011617	-0.037253	-0.003696	0.0475597	0.0273357
0.033662	0.0463358	0.0286763	0.0224247	-0.03144	-0.017475	-0.050358	-0.021663	-0.004272	0.0106786
0.0395782	0.0235889	-0.009785	0.012225	-0.045263	0.0192323	0.018113	0.0095469	-0.031712	-0.051654
0.0164973	-0.040093	-0.047206	0.0350469	0.0152155	0.0289553	0.0249621	0.0077293	-0.002718	-0.045859
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0.0322253	0.0173247	-0.005555	-0.017668	-0.045161	0.0033076	-0.013186	0.0293284	0.0119435	0.0152224
0.0269191	0.0062944	-0.019328	0.0107038	-0.021557	0.0160391	0.0190904	0.0475091	-0.005563	-0.05409
0.0299603	-0.031121	-0.01677	0.0096538	0.0054214	0.0107559	0.0011102	0.0324219	0.016607	-0.049709
0.0049331	-0.041369	0.0142251	-0.024579	-0.011919	0.0056878	-0.080914	-0.010817	0.0300655	0.0165517
0.0028429	-0.022486	0.0202912	-0.033111	-0.035554	-0.001153	-0.065373	-0.011335	-0.009266	0.0336844
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0.0566869	-0.019991	-6.37E-04	0.028832	0.0141249	0.0194669	-0.007995	0.030791	-0.02886	-0.037158
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0.0222606	-0.018474	0.0213305	-0.043269	0.0058028	0.005612	-8.76E-04	-0.01115	-0.03647	0.0233398
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0.030992	0.0014189	-0.043809	-0.059932	-0.01012	-0.017727	0.0178006	-0.025255	-0.022993	-0.010361
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-0.049996	0.0182086	-0.014417	-0.021445	0.0070257	-0.052548	-0.015216	-0.029491	-0.014311	-0.027925
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-0.044155	-0.017306	-0.068319	-0.005987	-0.022773	-0.037103	0.0147672	0.0066116	0.019133	-0.003348
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Supporting information

-0.014135	0.0132743	-0.067537	0.0188791	-0.017235	-0.02091	0.02995	-0.042196	0.0198351	-0.026083
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0.010544	-0.078658	-0.07699	-0.047717	-2.98E-04	-0.032096	-0.053383	-0.028036	-0.021256	0.0219499
-0.005126	-0.045176	-0.020093	-0.010126	-0.004865	-0.048821	-0.039994	-0.028888	-0.022851	0.0172572
0.0282593	-0.015423	0.0186971	0.0090715	-0.02877	-0.027558	-0.041461	0.004002	0.0111775	0.0071772
0.0258577	-0.015565	0.0071178	-0.041374	-0.026544	0.0146833	-0.023385	-0.014169	0.0029143	0.006182
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-0.028539	-0.044277	-0.016916	-0.021698	-0.016801	-0.005051	-0.016876	-0.023031	-0.065869	-0.032636
0.0309523	0.0035707	-0.014196	-8.99E-04	-3.36E-04	-0.035658	-0.07748	-0.042128	-0.052593	-0.01216
0.0383239	0.0302611	0.0034921	0.005056	-0.015967	-0.005974	-0.037321	-0.007737	-0.03623	-0.002487
0.0109611	-0.032287	0.0024945	-0.047683	-0.027464	0.0135245	0.0200701	0.0408777	0.0010037	-0.011059
0.026565	-0.038644	-0.022958	-0.04051	-0.017452	2.66E-04	0.0015611	0.0200192	-0.038694	-0.022447
0.0414463	-0.00256	-0.012126	-0.038254	-0.021986	-0.029379	-0.037012	0.0017885	-0.012612	0.0216724
0.0182298	-0.023325	-0.021074	-0.040025	-0.046381	-0.026187	-0.039174	0.0210128	0.0112158	0.0165909
-0.00655	-0.027604	-0.016109	-0.048906	-0.04404	-0.01848	-0.062852	-0.028462	-0.008169	-0.026757
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0.0212105	0.0117556	0.0159609	-0.02883	-0.007278	0.0225674	-0.041223	0.0308724	0.0188213	0.0192227
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-0.019297	-0.076529	-0.003065	-0.010867	0.0072554	-0.002494	-0.006115	0.0209333	-0.033822	0.0092516
0.0085021	-0.047	-0.002876	0.0298481	0.0311825	0.0245016	-0.026603	0.0371038	0.0335971	0.0401272
0.0516165	0.0304984	0.0254321	-0.00158	0.0021547	0.0279572	-0.006041	0.0621759	0.0177322	0.0088667
0.0372746	-0.006575	0.0041456	-0.018106	0.0078684	0.0355604	0.0089926	0.0677674	0.0289479	0.0551006
0.0113407	-0.017093	-0.015227	-0.016901	0.0183858	-0.020232	2.47E-04	0.0093532	-0.009156	0.0558716

Supporting information

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0.0605396	-0.013246	0.0221718	-0.069165	-0.002063	0.0595029	0.0400188	0.0499691	0.0289479	0.0350716
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0.006057	-0.036615	0.0230951	0.0289132	0.036679	0.034628	0.0396903	0.0751863	0.0140956	0.0418671
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0.0555083	0.0055839	0.0443839	0.0014582	0.0147867	0.0777188	0.035077	0.0484406	0.0287486	0.0513086
0.0381219	-0.00439	0.0190155	-0.026799	0.0291643	0.0561708	0.0328492	0.0245686	-0.006409	0.0329924
0.0106577	-0.00875	-0.016586	-0.043476	-0.003335	-0.010195	0.0201878	0.0358257	-0.016615	0.0152224
0.0231961	-0.04371	0.0253513	-0.008639	0.0169348	-0.019053	-0.043567	-0.011335	-0.01395	0.0467931
0.0473465	-0.026287	0.0456095	0.0197131	0.0108696	-0.014881	-0.066242	0.0095469	-0.003533	0.0409135
0.0701279	0.0657667	0.0578422	0.0164655	-0.015095	-0.003645	-0.023882	0.0125022	-0.019263	0.025973
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0.0361073	-0.010302	0.0356931	-0.011016	0.0273158	-0.032825	0.0017491	0.0458207	0.0724789	0.0495728
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0.024564	0.0111496	0.0234167	-0.046216	-0.014112	-0.023113	-0.006964	-0.006992	-0.015932	-0.004879
0.035585	-0.003476	0.01525	-0.030887	0.0018899	-0.007925	-6.51E-04	0.0048829	-0.029766	-0.004506
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0.0436494	0.0709045	0.0478159	0.0588737	0.0211444	0.0164661	0.0358086	-0.016694	0.0208513	0.0427813
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0.041487	0.060986	-0.002421	0.0538994	0.0678454	0.0728273	0.047434	0.0066116	0.0788269	0.0310852
0.0381623	0.0723837	0.0657495	0.0724839	0.0354515	0.0665932	-0.014202	0.0247291	0.0896023	0.0264134
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0.0524087	0.1255368	0.0676599	0.0574838	0.0190542	0.0211125	0.0563407	0.0596026	0.0516149	-0.011867
0.0685223	0.0810104	-0.00227	0.0540715	0.0822569	0.081176	0.0478102	0.0228071	0.0897857	0.0420747
0.0344622	-0.001605	-0.034407	0.0399336	0.0413338	0.1001565	0.0513794	0.0628326	0.0751311	0.0491505
0.0277464	0.0301424	0.0335473	0.0641258	0.0120681	0.0514727	0.0044276	0.0528282	0.0451115	0.0632213
0.0133197	0.0652948	0.058452	0.0509846	0.0103679	0.0409917	0.0544683	0.0658221	0.0427594	0.0662402
0.0092573	0.06273	-0.006194	0.0369867	-0.052597	0.0316014	0.0561701	0.0685214	0.0330333	5.97E-04
0.050992	0.0345537	-0.003027	0.0597883	-0.003634	0.0311593	0.0095667	0.0392563	0.0520771	-0.007999
0.0547104	0.0312113	0.0416912	0.0617983	0.0367199	0.0685591	0.0255576	0.0660868	0.0712907	0.0210389
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0.0846271	-0.012207	0.0131241	0.046522	-0.001838	0.0090345	-0.004894	0.0478899	0.0220268	0.0107559
0.0867449	0.0262063	0.0391819	0.0847762	0.0314658	0.0493729	-0.036013	0.0158707	0.0577482	0.0292265

Supporting information

0.0023219	0.0548739	0.0837157	0.0808688	0.0574926	0.0760228	-0.001884	0.0648966	0.0970462	0.0855422
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0.095229	0.0263631	0.017545	0.025677	0.0681537	0.0765131	0.0144186	0.0839283	0.0309457	0.0778985
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0.0480897	0.0697335	0.1087255	0.0663331	0.0349207	0.0433404	0.0169429	0.042338	-0.016938	0.0491927
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0.0781133	0.0289973	0.0643773	0.0069433	0.0189362	0.038574	0.0429863	0.0552755	0.0604831	0.0583652
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0.0478005	0.0802109	0.0651293	0.0702453	0.0133865	-0.002382	0.0588213	0.098045	0.1174296	0.0692361
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0.0206283	0.0461306	0.0177434	0.0106649	0.0780002	0.0437537	0.0562128	0.0039638	0.0608262	0.0480123
0.0281804	0.0939139	0.0423628	0.0259592	0.0839897	0.0364542	0.0773992	0.0709697	0.0788717	0.0481807
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0.0756846	0.0761917	0.0012699	0.0178487	0.0432847	0.06148	0.0891512	0.0754118	0.0633649	0.0335215
0.0604971	0.0846261	0.0440042	0.0653605	0.0845383	0.0641157	0.0694151	0.0582999	0.051909	0.0350716
0.0460695	0.0847158	0.0685514	0.079498	0.0642942	0.0403347	0.0881405	0.0150457	0.0615562	0.0547157
0.0834599	0.060986	0.0588446	0.0734726	-0.012651	0.0338593	0.0697228	0.0031993	0.0789611	0.0393837
0.1027559	0.031251	0.0253513	0.0536414	0.0339831	0.0598461	0.0308338	0.0116446	0.0771755	-0.010103
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0.0584608	-0.001385	0.023658	-0.036582	-0.027004	-0.007888	-0.042447	0.0589507	0.0333151	0.0472551
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0.0248773	-0.051938	0.0189757	-0.054337	0.0168956	0.015109	-0.002257	0.0182364	-0.015788	0.0250136
0.0242119	-0.042608	0.0116343	-0.027121	-0.002849	0.0273595	-1.50E-05	0.0301404	-0.015896	0.0362173
0.0308728	-0.004426	0.0231353	-0.060858	-0.008978	0.0384922	0.0317597	0.0634464	0.010031	0.0485178
0.0164204	-0.031327	-0.017978	-0.023429	0.0172089	0.053329	0.0465992	0.0387586	0.0117519	0.0271752
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0.0080874	-0.001936	0.0489233	0.0044415	-2.60E-04	-0.038953	-0.016372	0.0338949	0.0283503	0.0307614
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0.0427913	0.0626022	0.0060347	-0.044231	0.0109082	0.0345875	0.0441043	0.0500541	0.0156394	0.0714078
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Supporting information

0.0406737	0.0372383	0.0310435	-0.004147	0.0227683	-0.03614	0.00758	0.0137917	0.0213995	0.0013909
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Supporting information

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0.0227281	0.0474865	0.0333827	0.0095373	-0.029228	0.0665496	0.0515059	0.0445586	0.0756191	0.0475074
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0.0042228	-0.002377	-9.79E-04	-0.041857	0.0139305	0.0557455	0.018973	0.0430072	-0.001345	-0.010397
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Supporting information

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0.0624148	-0.004499	0.0318629	0.0156771	0.0108696	0.0187636	0.025796	0.0880411	0.0647047	0.0372428
0.0676569	0.038486	0.0594995	0.0411013	-0.02263	0.0089963	0.0385835	0.0602118	0.021282	0.0158474
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0.0393352	0.0661961	0.0520048	0.0534266	0.0702734	0.0019908	0.0645203	0.1041695	0.074201	0.0838929
0.0348629	0.0486815	0.0018818	0.0259995	0.0566767	0.0204065	0.0653032	0.0730729	0.0325507	0.0762779
-0.013885	0.0385263	0.0309617	-0.013564	0.063945	0.0126382	0.0591217	0.0189487	-0.018763	0.0314092
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Supporting information

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0.3201279	0.3221876	0.3679123	0.3540735	0.3397032	0.252393	0.3460325	0.3518199	0.3689097	0.3867742
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0.2212666	0.3283505	0.2724533	0.2928414	0.4065891	0.3839006	0.3616841	0.2305125	0.2305734	0.4225585
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Supporting information

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0.3330753	0.3112495	0.2816111	0.1332878	0.2263702	0.2025461	0.2189874	0.1926365	0.1993179	0.1737995
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Supporting information

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Supporting information

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-0.092619	-0.144252	-0.108567	-0.08785	-0.113371	-0.104151	-0.119116	-0.105562	-0.077298	-0.069197
-0.095355	-0.131079	-0.130321	-0.108328	-0.146551	-0.106883	-0.11819	-0.087325	-0.098674	-0.109901
-0.113024	-0.120916	-0.139328	-0.094754	-0.136105	-0.11015	-0.10438	-0.081052	-0.085561	-0.124803
-0.13066	-0.131722	-0.103048	-0.110564	-0.115594	-0.085181	-0.099718	-0.122271	-0.062882	-0.033839
-0.180889	-0.177828	-0.112803	-0.150709	-0.129632	-0.096513	-0.078366	-0.09248	-0.075614	-0.02924
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-0.15472	-0.17503	-0.146035	-0.152296	-0.137106	-0.127635	-0.140502	-0.089529	-0.065496	0.1357034
-0.177568	-0.148224	-0.142378	-0.183291	-0.13169	-0.09962	-0.114902	-0.056889	-0.04188	0.0628131
-0.176773	-0.144822	-0.152717	-0.188029	-0.137998	-0.131581	-0.11569	-0.105944	-0.054654	0.0474657
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-0.141103	-0.155823	-0.176465	-0.171102	-0.142055	-0.165207	-0.164884	-0.094778	-0.095345	0.0189581
-0.215105	-0.163966	-0.202446	-0.161776	-0.145544	-0.183651	-0.167996	-0.095652	-0.099284	-0.027834
-0.224918	-0.149647	-0.176098	-0.170953	-0.124511	-0.165258	-0.167686	-0.136693	-0.100271	-0.032923

Supporting information

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-0.177312	-0.17168	-0.134781	-0.158818	-0.151576	-0.15738	-0.167996	-0.183631	-0.151141	-0.106703
-0.205402	-0.194852	-0.159679	-0.14202	-0.120483	-0.145784	-0.173032	-0.147298	-0.130876	-0.137532
-0.240079	-0.189455	-0.187988	-0.177619	-0.122725	-0.139067	-0.151618	-0.116973	-0.124838	-0.126147
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-0.152444	-0.160659	-0.123531	-0.150683	-0.163217	-0.184729	-0.161225	-0.150175	-0.147361	-0.131024
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-0.134924	-0.123457	-0.099301	-0.087488	-0.055685	-0.087881	-0.043078	-0.062676	-0.101226	-0.088086
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-0.032089	-0.028792	-0.084822	-0.044468	-0.030604	-0.052561	-0.020085	-0.07579	-0.031546	-0.067475
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Supporting information

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0.017647	-0.039771	0.0250958	-0.002059	-0.03095	0.0040618	-0.032052	0.0146816	0.0169347	-0.005013
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-0.013037	-0.002064	-0.015353	0.0298847	0.0116917	0.0027409	-0.024063	-0.019234	0.037497	-0.00207
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Supporting information

-0.039058	-0.038422	-0.053815	-0.005933	-0.039262	-0.019838	-0.042974	-0.024159	-0.002916	0.0012973
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Supporting information

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Supporting information

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0.040718	0.0662718	0.0154127	-0.010529	-0.010804	-0.042593	0.0311747	0.0081724	0.0654446	-7.92E-04
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0.0114611	-0.021074	0.0033089	0.0192691	0.0691671	0.0285937	0.0048851	-0.067102	-0.012067	0.04154

Supporting information

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0.0222129	0.0208231	-0.004964	0.0557266	0.0281144	0.0170689	-0.021463	-0.045046	-0.01267	-0.0485
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0.0277315	0.062585	-0.013971	0.0215499	-0.02783	-0.010326	-0.018375	-0.03523	0.0244402	0.0208374
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0.0061442	-0.00968	0.0183103	0.0403209	0.0068044	-0.008347	0.001856	0.0397212	0.0394118	-0.001121
0.0324884	0.0193963	0.0017227	0.0035194	-0.071006	-0.030615	0.0233562	0.0433954	0.0062474	-0.026595
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0.0076343	0.0232914	0.0911964	0.0482026	0.0262193	0.0142736	-0.018265	0.0344908	0.0615145	0.0325238
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Supporting information

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0.0463066	-0.015414	0.0486076	0.0302405	-0.00494	0.0544249	0.0265395	0.0526558	-0.007426	0.0287498
0.0151221	-0.047064	0.0185399	0.0330968	0.0237836	0.0567658	0.0126885	0.0070652	-0.032122	8.57E-04
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Supporting information

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Supporting information

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Supporting information

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0.1241121	0.0883137	0.1487629	0.1743115	0.1451913	0.1652221	0.1934771	0.1870337	0.2147579	0.2367181
0.0501748	0.0047548	0.0599027	0.1013196	0.0734098	0.0848323	0.1004557	0.1292487	0.1215906	0.1134508
0.0056881	-0.023656	-0.009054	0.0173973	-0.014588	-0.031558	0.0283671	0.0484241	0.0579085	0.0419134
0.0244918	-0.008473	-0.0081	-0.022459	-0.011507	-0.04489	-0.02205	-3.33E-04	0.0167781	-0.025602
0.0466309	0.0281909	0.0284693	-0.037361	-0.057578	-0.06736	-0.064507	-0.044632	-0.023142	-0.071598
0.0136199	9.13E-04	-0.052104	-0.141308	-0.117316	-0.03055	-0.032353	-0.032273	0.0071147	-0.018307
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0.2060805	0.3629473	0.4576271	0.4039941	0.1484625	0.1477207	0.1785571	0.1295469	0.2852876	0.1633574
0.3771619	0.5495045	0.5548946	0.3553678	0.2415808	0.2914729	0.2141228	0.1440043	0.146212	0.0575255
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0.410784	0.5480479	0.663553	0.3568211	0.1842396	0.1085226	0.0363912	0.1041993	0.1256735	0.0351238
0.2484206	0.4747536	0.6219829	0.3743841	0.1724194	0.1255808	0.0189145	-0.016081	0.0067341	-0.051426
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0.229225	0.3996747	0.4950384	0.3751873	0.2775117	0.276964	0.1315998	0.0695965	0.0589369	0.0045316
0.155122	0.374848	0.5690873	0.5188219	0.2867383	0.2708614	0.1654732	0.2275127	0.1789925	0.0808301
0.119226	0.3391819	0.6592635	0.5177042	0.2744073	0.2555327	0.1779487	0.183304	0.1500577	0.0591952
0.0477951	0.2462519	0.3479149	0.2955817	0.1020488	0.0194381	0.1067898	0.1754417	0.0913018	0.0280393

Supporting information

0.0721558	0.2314635	0.2023751	0.1328191	0.0600761	0.0031172	0.0182635	0.0319926	-0.014824	-0.042693
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-0.039558	0.1647391	0.127174	0.0863641	0.0011519	-0.080615	-0.1185	-0.096416	-0.13369	-0.081669
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Supporting information

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0.039547	0.0387816	-0.008687	0.0050708	-0.009753	0.0123518	-0.075467	-0.054961	-0.005383	0.0300402
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Supporting information

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0.0259939	9.88E-04	0.0041158	-0.029904	-0.00848	0.0349375	0.0484457	0.0178101	-0.047819	-0.058778
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0.0300516	0.0166841	0.0090923	-0.042411	1.18E-04	0.0204935	0.0389921	0.0317544	-0.028577	-0.006485
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-0.029675	0.0012127	-0.008834	-7.98E-05	0.0164891	0.0076909	0.0347188	-0.025681	0.0272194	0.031849
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0.0255585	0.0183596	0.0465799	-0.037396	0.0213626	-8.50E-04	0.0250119	-0.02495	0.0089079	0.0343129
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Supporting information

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0.0383232	-0.037022	0.0520709	-0.002857	8.45E-04	-0.003006	-0.020408	0.0385956	-0.011736	0.0142078
0.0097503	-0.027185	0.0426822	0.0145455	0.0254795	-0.015576	-0.010673	0.0439921	0.0146034	0.0378106
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0.0388531	0.0384953	0.003625	-0.024279	0.0156557	0.0308702	0.0536864	0.0084931	0.0271397	0.0358549
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0.0020007	0.0640546	0.0435499	0.0182211	-0.003425	-0.048144	0.0463996	0.063789	0.0057841	0.0110864

Supporting information

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0.0576911	0.02236	0.0336133	0.069072	0.0253579	-0.003969	0.0268033	0.0387973	0.0766238	0.0673355
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0.0482533	0.0119268	0.0277507	0.026667	-0.006035	0.0396972	0.0214897	0.0176563	0.0141001	0.057611
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0.0591417	0.0576399	0.0787304	0.0259869	0.0024576	0.0445925	0.0209503	0.0367045	0.05162	0.029479
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0.0276204	0.0731266	0.0434672	0.0489298	0.0836743	0.0303494	0.0477489	0.0419961	0.0078768	0.0614747
0.0268262	0.0599537	0.0671352	0.0504497	0.0147052	-0.026179	0.0119954	-0.010319	-0.024772	0.0044938
0.0734789	0.0678006	0.049212	0.0187319	0.0082653	-0.016871	0.030684	-0.015405	0.0076862	0.0217763
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0.0454284	0.0730823	-0.032833	0.025867	0.0057391	-0.006955	0.0633841	0.0054188	0.0700605	0.0373209
-0.008951	0.0239389	-0.067075	0.0402094	-3.52E-05	0.001054	0.0791187	-0.003749	0.0621663	0.0365466
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0.0222877	0.0398468	-0.006629	0.015013	-0.010426	0.0099769	0.0484867	0.0573418	0.0470462	-0.025814

Supporting information

0.0485869	0.050477	-0.014299	0.0013154	-0.072524	-0.011378	0.0586552	0.0128415	0.0249523	-0.042999
0.0376313	-0.018845	-0.01263	0.0067504	-0.034253	0.0374939	4.95E-04	-0.028004	0.0407886	0.0191475
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0.0255981	0.0484221	-0.044639	0.0130683	-0.018893	0.0178793	0.0416088	0.0275278	0.018221	-0.023621
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0.0480033	-0.032913	-0.001849	0.0447772	0.0063595	0.0468322	2.75E-04	0.02078	-0.020935	-0.040107
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0.0395879	-0.050522	0.0216515	-0.053005	-0.003387	0.0277947	0.0189528	0.0226806	-0.033355	-0.017769
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0.0698281	0.0338179	0.0200812	-0.03563	0.004926	0.0037192	0.0478718	0.0256842	-0.038184	0.0349615
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0.0355215	-0.017697	0.0290289	-0.006619	-0.014218	0.0051902	-0.004762	-0.021628	-0.02682	0.0081779
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Supporting information

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0.0221699	0.0176184	-0.037457	0.0237539	-0.030526	0.0031548	-0.032626	-0.0582	0.0199823	0.0280393
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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0.0016886	-0.028145	-0.068902	-0.008181	-0.048086	-0.004451	-0.04402	-0.022652	-0.045356	-0.050527
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0.0304023	0.0268565	0.0462156	0.0492316	-0.007492	0.0068631	-0.014335	0.007343	0.044139	0.0138444
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0.0127805	-0.021616	0.0099627	0.0455184	-0.005504	0.0050914	-0.030082	-0.011571	0.0045736	0.0156614
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-0.028541	-0.048556	-0.010224	-0.022695	-0.025202	-0.049825	-0.034453	0.0074199	-0.052369	-0.019421
-0.009127	-0.037117	0.0199349	-0.018498	0.0107755	-0.018728	-0.018326	0.0047373	-0.018446	0.0032957

Supporting information

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0.0064356	0.0370157	-0.07208	-0.043924	0.0217244	0.0128868	0.0404797	-0.047671	-0.040582	-0.012043
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Supporting information

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0.0056538	0.0242199	-0.011803	0.0225902	0.0224054	-0.003057	-0.065113	-0.028778	-0.00971	-0.082435
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0.0011085	0.0492419	0.028698	0.0396929	0.0451198	-0.031067	-0.0155	-0.025725	0.006609	0.0369738
-0.002969	0.049895	-0.013524	0.0590284	0.0234892	-0.020072	0.0153769	0.0393156	0.0602568	0.0565763
-0.03892	0.0313006	-0.030988	0.0137317	0.0108146	0.0025237	0.0038623	-0.03433	0.045442	-0.001165
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Supporting information

-0.013072	0.0047824	-0.025572	-0.004864	0.0379139	-1.05E-04	0.0387465	0.0081124	0.0193036	0.0072066
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0.0410749	0.0024323	-0.046429	0.0086269	0.0042287	0.0193525	0.0219832	-0.004598	0.0101651	-0.006965
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0.068444	0.1135076	0.0862895	0.0759249	0.1156473	0.1086943	0.0941491	0.0534861	0.0490774	0.0937341
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0.0117496	0.0480254	0.0255801	0.0143246	-0.009695	0.0243863	-0.006799	0.0276823	0.0459896	0.0266846
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Supporting information

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Supporting information

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Supporting information

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0.0019596	0.0099581	-0.058956	-0.029292	-0.050635	-0.041722	-0.035357	-0.076649	-0.076202	-0.109589
0.0111559	0.0146735	-0.016466	-0.004826	0.003998	0.0043233	-0.010822	-0.036524	-0.05821	-0.096662
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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0.0145911	0.0425642	-0.020136	0.024455	-0.0027	0.0103877	-0.021043	-0.049343	0.0078007	-0.064096
-0.021614	0.0353554	0.0050078	-0.011115	-0.018016	0.0153938	0.0092805	-0.010264	0.0022111	-0.071752
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-0.02045	0.0102897	0.0214013	0.0229543	-0.031788	-1.76E-04	-0.018765	-0.004346	0.0423333	-0.018086
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0.0322848	0.023001	0.0204917	-0.018165	-0.026746	0.037379	-0.004545	0.0035714	-0.009371	-0.017451
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-0.015134	-0.039248	0.0245003	-0.016152	-0.001339	-0.072288	-0.044067	0.003341	-0.085994	-0.064062
0.003286	-0.038417	0.0169506	0.0122461	0.0188898	0.0050929	-0.028296	0.0211699	-0.031465	0.0110981
0.0089797	-0.005926	0.0363431	-0.017124	0.0234359	0.058838	-0.004508	-0.002796	-0.048337	0.0104995
-0.035488	-0.018737	0.0032577	-0.050031	0.0395664	0.0211352	-0.018694	0.0101119	-0.06821	-0.001185

Supporting information

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0.0012897	0.0367134	0.0421179	-0.066446	0.0070717	0.005631	-0.029063	0.0128894	-0.002724	0.0245614
-0.018368	-0.007045	-0.003486	-0.055758	0.0472052	0.0187899	0.0043218	0.0259158	-0.025076	0.0289077
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-0.026348	-0.029733	-0.015178	-0.006793	-0.067031	0.0076356	-0.032466	-0.050565	-0.00284	0.0330459
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0.0242555	0.0197386	-0.027343	0.0198902	-0.014357	0.0027177	0.0114942	1.28E-04	-0.009409	-0.083792

Supporting information

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-0.047805	-0.006448	-0.036863	-0.042434	0.0086187	-0.024635	0.008026	-0.010822	-0.032593	0.0066093
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0.0062591	-0.020872	-0.045636	0.0260006	-0.026532	0.0281672	0.050126	0.0089437	0.0403936	0.0148678

Supporting information

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0.0500011	0.0651135	0.0394272	0.0260403	0.0076125	0.0453551	0.0079122	-0.001052	0.0195281	-0.042124
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0.0594005	0.0216453	0.0126614	-0.02725	0.0013192	0.0315018	0.0068887	0.0656965	0.0133014	0.0223429
0.0178418	-0.030263	0.0302399	0.0510454	0.0244393	0.0397856	0.0214412	0.0348223	0.0210885	0.0673798
0.023086	-0.015679	0.0280234	0.0709679	-0.004208	0.033917	0.0027439	0.0462398	0.0280971	0.037818
0.0686051	0.0501921	0.0562132	0.0669794	0.0087349	0.0468327	0.0015829	0.0797488	0.0360288	0.026212
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0.015936	-0.023535	0.0333215	0.0379546	0.0394832	0.0128053	0.0285462	0.0600604	0.0514132	0.0547471
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0.0348428	-0.038487	0.0454526	0.0677655	0.0370773	0.0805435	0.0228529	0.0176641	0.0441081	0.0353621
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Supporting information

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-0.137435	-0.131042	-0.131128	-0.110241	-0.120641	-0.081259	-0.122131	-0.096627	-0.050051	-0.08099
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Supporting information

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-0.04941	-0.060222	-0.067438	-0.054078	-0.111424	-0.095111	-0.083438	-0.091905	-0.151657	-0.096318
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-0.038469	-0.05751	-0.068598	-0.069324	-0.087565	-0.084803	-0.107338	-0.082366	-0.106434	-0.092183
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0.0164116	-0.017101	0.0130884	0.0066286	0.0360031	0.0116338	-0.034019	0.0178626	0.0291016	0.0299907
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Supporting information

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0.3059244	0.366059	0.3986657	0.3994758	0.3708027	0.3718713	0.3009018	0.3712098	0.3507244	0.2985894
0.3392259	0.3730661	0.3307482	0.386992	0.3768207	0.3415785	0.3826411	0.4145919	0.3758684	0.2846497
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0.2905946	0.1742966	0.2258559	0.336126	0.3362646	0.3945304	0.3288271	0.2941136	0.3894884	0.3925025
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.02338	-0.003399	-0.054207	-0.010141	-0.029995	-0.05078	-0.040361	-0.060527	-0.016035	-0.057466
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Supporting information

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Supporting information

0.0357563	-0.003048	-0.034823	-0.032516	-0.031262	0.0216349	0.0070243	0.0154176	-0.033249	-0.032139
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-0.020781	-0.008057	-0.056926	-7.52E-05	-0.001337	-8.87E-04	-0.042228	-0.023679	-0.009008	-0.058003
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-0.002495	0.0310648	0.0057971	-0.002263	-0.037292	0.0040448	-0.042921	-0.036275	0.0361079	-2.56E-04

Supporting information

0.0053407	0.0041194	-0.017888	0.0179582	-0.008405	0.0256939	0.0024265	0.001977	0.0350784	-0.036564
-0.002961	-0.023791	-0.007247	0.0045316	0.0025135	0.0421454	0.0069425	0.0335318	-0.002142	-0.021149
0.0079579	-0.00825	-0.051922	0.0157591	0.0305943	0.0442025	-0.043249	0.0107258	-0.048252	-0.00365
0.0250344	0.0228622	-0.028422	-4.28E-04	-0.029051	0.0150215	-0.034936	-1.61E-06	0.0169114	0.0254962
0.0434137	0.0305581	0.0232715	0.0219366	-0.038183	0.018109	-0.023726	0.0072707	0.0222863	0.0091498
0.056069	0.0245237	0.0090205	-0.012659	-0.041584	0.0146525	0.016996	0.0193594	-0.019072	-0.022534
0.0113119	-0.033001	-0.041985	-0.058374	-0.06508	0.0164185	-0.011944	0.005635	-0.022087	-0.004106
-0.00663	-0.034747	-0.002255	-0.023333	-0.012877	0.0253997	-0.044704	-0.027515	-0.013591	0.0389476
0.0178544	0.0282014	0.0290469	0.0136115	-0.003385	0.0404459	6.90E-04	0.0198652	-0.014318	-0.006604
0.0244556	0.0128222	0.0479395	0.0303824	-0.037078	0.0332425	0.0010929	0.0230399	0.0014124	-0.022352
0.0247036	-0.01662	0.0359188	-0.013344	-0.016183	0.0438079	0.0349407	0.0198231	-0.035549	0.0127251
0.0047086	-0.034166	0.017124	-0.014558	0.0115937	0.0133021	0.0082532	0.004738	-0.035367	0.0185636
0.0128378	-0.024758	0.0176533	-0.014179	0.0016158	-0.035277	-0.034007	0.0184757	-0.00897	0.0125279
0.0783597	0.0312338	0.0420384	0.0034642	0.0305526	0.0163773	0.0183794	0.0570045	-0.011286	0.0159723
0.0564246	0.0609231	0.0223644	-0.0211	0.0074248	0.0532459	0.0257048	0.0340544	-0.0285	0.0272876
0.0267754	0.038178	-0.010925	-0.017051	0.0087703	0.0028067	0.0288334	0.0027467	-0.022463	0.0492094
0.0420349	0.02494	0.026295	0.0150285	0.0276037	-0.021846	0.0069834	0.0256392	0.0072403	0.0294963
0.0622897	0.0514779	0.0543207	-0.018855	0.0079388	-0.034838	0.008869	0.0455344	0.0376999	0.0137126
0.0393757	0.0465028	0.0101803	-0.043817	0.0397767	-0.013476	0.0142007	0.0266662	-0.002417	0.0165689
0.0194851	0.0414542	-0.024483	-0.021547	0.0396064	0.0452128	0.0387524	-0.007075	-0.048888	0.0386543
-0.005591	0.0358225	-0.002216	0.0221426	0.0467715	0.0399677	0.0331994	-0.00842	0.0280236	0.045705
0.0207122	0.0199287	0.0626009	0.0552816	0.0214796	-0.004745	0.009609	-0.006837	0.0400772	0.0339476
0.0541625	0.0510796	0.0700755	0.0191438	0.0444417	0.0014527	0.0446448	0.027009	0.0277286	-0.001823
0.0687838	0.0989719	0.0135172	0.0073114	0.0626764	0.0256098	0.0435311	-0.0064	-0.013514	0.0113072
0.0082763	0.0577219	0.0071075	0.0458634	0.0717911	0.0453007	0.0417551	-0.03068	-0.011055	0.0313454
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0.0275653	0.0757451	0.0836635	0.0703557	0.0276451	0.0281814	0.0457167	0.0167555	0.0553386	-0.001136
0.0553143	0.0657925	0.0728425	0.0902424	0.0572802	0.0286891	0.0723163	0.0643244	0.0756485	0.0299065
0.0798591	0.0641481	0.0221996	0.0870236	0.0550699	0.0711703	0.0504375	0.0264092	0.1011751	0.0821368
0.0061718	0.0311493	0.0626912	0.0902424	0.0509446	0.0738393	-0.008327	-0.0228	0.0849679	0.0999481
0.0108312	0.0703932	0.0478958	0.057646	0.0267353	0.0417963	-0.021931	-0.015981	0.0526088	0.0463866
0.0718602	0.083112	0.0122679	0.052355	0.0306777	0.0582468	0.0386644	0.0351452	0.0924333	0.0556069
0.1128573	0.0881418	0.0266276	0.083686	0.0761203	0.0667117	0.067494	0.038082	0.0916516	0.0476247
0.0834883	0.0616478	0.069157	0.0729429	0.09263	0.0927024	0.0301256	0.0421916	0.0908227	0.0595878
0.0939308	0.1101298	0.0972008	0.0712317	0.0485923	0.0714037	-0.022428	0.0372471	0.0655586	0.0371493
0.12628	0.1316366	0.1046534	0.0653637	0.0023963	0.0492773	0.0228531	0.0641375	0.0358932	0.0100899
0.1343458	0.0979358	0.0708577	0.0741958	0.0396916	0.0804654	0.0138266	0.0437038	0.0459242	0.0113465
0.1063732	0.0180796	0.0712724	0.1005381	0.1188898	0.1023249	0.0642153	0.0635308	0.0990848	0.0632951
0.0416908	0.0150152	0.0625557	0.0335871	0.0446139	0.0480362	-0.00718	0.0301502	0.0966094	0.104749
0.0667753	0.0491374	0.0780554	0.0459504	0.0261161	-0.002426	-0.02128	0.047238	0.0369247	0.0311808
0.1028454	0.0713193	0.0815815	0.0980271	0.0641598	0.0802747	0.0931059	0.1154332	0.0464957	0.0151384
0.110786	0.0500632	0.0871877	0.1054042	0.0700532	0.0910377	0.0797967	0.0890285	0.0663867	0.0285133
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0.0854807	0.0291257	0.095053	0.008668	-0.002266	0.0057681	0.0220902	0.0506653	0.0556529	0.0804274
0.0764462	-0.006704	0.0843755	0.0416607	0.0012261	0.0661576	0.0187154	0.0644178	0.017734	0.0438362
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-0.017005	-0.010636	0.0051237	-0.010103	0.0499847	0.0388829	0.0270735	0.0583849	0.0991841	0.1005272
0.0552256	0.0633282	0.0767463	0.0302563	0.0796523	0.049677	4.88E-04	-0.003453	0.0227442	0.0989365

Supporting information

0.0918028	0.0105192	0.0566768	0.0126828	0.0709213	0.0381901	0.044199	0.0444619	0.0012935	0.0499825
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0.013361	0.0390808	0.0347305	0.0551481	0.0973188	-0.009617	-0.001241	0.0693998	0.0216627	0.0511878
0.010271	0.0633282	0.0219115	0.0199633	0.0640697	0.0020097	0.0429975	0.0590306	0.0583568	0.0973037
0.0514283	0.0499308	-0.004429	-0.00903	0.0298031	0.010005	0.0491736	0.0614373	0.0348214	0.0307693
-0.005513	0.002811	0.0219115	-0.025702	0.0301777	0.0326013	0.0399863	0.0304526	-0.01892	-0.021405
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-0.02212	0.0594323	0.0684694	0.0342224	0.0579012	-0.02128	0.0318546	0.0723881	0.0511835	0.0476674
-0.001446	0.032207	-0.025443	0.0431292	0.0450446	0.0236806	0.0309893	0.0430805	0.0296284	0.0291684
0.015177	-0.010674	-0.047561	-0.007839	0.0436679	0.0491442	0.0497148	0.0412159	0.024957	0.0082117
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-0.023491	0.0636014	0.048464	-0.030695	0.0384166	-0.004941	0.0470603	0.026238	0.0568676	0.0427357
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-0.040042	-0.016204	-0.049345	0.0029511	0.0173769	0.024728	0.0285754	-0.029515	0.0106696	-0.048616
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0.0074412	-0.041091	-0.037882	0.0168165	0.0080179	0.0206365	-0.011709	-0.040259	-0.006212	-0.035047
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-0.014595	-0.038435	-0.079948	-0.031096	-0.00928	0.0351718	-0.049291	-0.049919	-0.060354	-0.053521
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0.0419919	0.024482	0.0274603	-0.023852	-0.050839	-0.009617	-0.021778	-0.024746	0.0027626	-0.025615
0.0050245	-0.022336	-0.007977	-0.073021	-0.063741	-0.049721	-0.042045	6.84E-04	-0.051459	-0.05817
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0.0238364	-0.009983	-0.010963	-0.017879	-0.021317	-0.02305	-0.103312	-0.03709	-0.059769	-0.029892
0.0429393	0.0257322	0.0270854	-0.017766	-0.023052	-0.00709	-0.056772	-0.011021	-0.046054	-0.073318
0.0364353	-0.006742	-0.019313	-0.069263	0.005257	0.0233459	-0.011513	-0.009525	-0.060457	-0.038391
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0.0113921	-0.020427	-0.013739	-0.022329	-0.022757	-0.043062	-0.068238	-0.009249	-0.033541	-0.009125
0.0271494	0.0086295	0.0067895	-0.045267	-0.046603	-0.008414	-0.035678	-6.46E-04	-0.011902	-0.011444
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0.0434137	0.026986	0.0317321	0.0095081	-0.007222	-5.31E-04	-0.040911	0.0086248	-0.036858	-0.005167

Supporting information

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0.0115926	-0.080567	0.0111024	0.0110725	0.0215612	-0.030723	-0.035085	0.0086248	0.0102647	0.00124
0.0235477	-0.047519	0.0264613	-0.020465	0.0113544	-0.003607	-0.04922	-0.014775	-0.026869	0.0099722
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0.0141672	0.0036828	0.0455868	0.0029117	-0.001608	-0.086205	-0.002363	0.0165043	0.0180634	0.0118974
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0.002582	0.0237337	0.0265445	0.046735	-0.010533	-0.043492	0.0101031	-0.062241	0.0555182	0.0318399
0.0374558	0.0462402	0.0841381	0.0386101	-4.85E-04	-0.019617	0.0284464	-0.019308	0.0223695	0.0160518
0.0544723	0.0738294	0.0430307	5.52E-04	0.051819	-0.027052	0.0300394	0.0345776	0.0219536	0.0391152
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0.0036834	0.0807845	0.0131138	0.0170609	0.0625866	0.0034053	0.0453144	0.0450425	0.0937064	0.0611728
0.0048271	0.0471161	-0.048751	0.0121991	0.1339073	0.1206618	0.1011088	0.0477774	0.03555	0.0623653
-0.006322	0.0360361	-0.035581	0.019021	0.0417821	0.0650055	0.0586055	0.0116353	0.0613507	0.0331198
0.014369	0.0246902	0.0055593	0.0240844	-0.025549	-0.015965	0.031292	0.0477774	0.0964613	0.0420176
0.0112718	0.0284113	0.0044908	-0.005099	0.0137133	-0.0371	0.0490835	0.0492189	0.0866051	0.0254962
-0.040291	0.0261497	0.0163921	0.0165316	0.035414	-0.031092	0.0198515	-0.007313	0.0643653	0.0446847
-0.001757	0.0365492	0.0126705	0.0330372	0.0526075	-0.007558	-0.022237	-0.048372	0.0201283	0.0202062
-0.030682	0.0200522	-0.005937	0.011193	-0.020651	-0.029429	-0.045647	-0.008578	0.0253339	0.005332
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-0.035495	2.06E-04	-0.025	-0.001561	-0.02128	-0.017491	0.0044956	-0.024022	0.0048758	-0.023297
-0.033475	-0.033365	-0.063634	-0.003703	-0.033281	-0.014435	0.012085	-0.026872	0.0155985	0.0031268
-0.069237	-0.039118	-0.041879	-0.006451	-0.066116	-0.031497	-0.02059	-0.012667	0.0328135	0.0165291
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-0.07143	-0.105085	-0.083255	-0.037503	-0.038822	-0.026978	-0.060114	-0.082564	-0.011055	-0.015899
-0.059813	-0.069013	-0.042979	-0.028609	-0.026829	-0.021393	-0.070434	-0.052033	-0.047863	-0.030356
-0.048261	-0.066489	-0.088775	-0.069096	-0.064478	-0.021921	-0.033187	-0.016175	-0.041911	-0.047759
-0.065223	-0.090994	-0.09192	-0.076254	-0.114282	-0.045852	-0.034713	-0.039929	-0.061522	-0.083804
-0.049587	-0.104621	-0.063059	-0.039761	-0.069174	-0.051977	-0.087118	-0.069579	-0.056311	-0.098709
-0.102525	-0.164203	-0.126092	-0.078548	-0.051115	-0.075448	-0.107826	-0.070779	-0.018996	-0.056828

Supporting information

-0.108102	-0.136928	-0.113384	-0.13669	-0.074507	-0.104342	-0.133106	-0.067308	-0.039644	-0.031249
-0.065055	-0.082653	-0.070207	-0.067255	-0.085109	-0.055722	-0.104611	-0.051747	-0.068024	-0.055785
-0.05739	-0.120554	-0.071967	-0.051122	-0.110142	-0.065271	-0.077596	-0.056867	-0.054432	-0.062306
-0.071562	-0.119509	-0.107101	-0.069297	-0.114222	-0.074448	-0.104579	-0.089963	-0.07943	-0.082951
-0.114779	-0.136411	-0.113474	-0.122565	-0.102877	-0.076845	-0.117329	-0.118604	-0.079693	-0.059342
-0.119372	-0.125325	-0.128253	-0.130672	-0.13175	-0.074147	-0.111266	-0.08333	-0.101787	-0.07033
-0.075453	-0.089012	-0.087241	-0.091527	-0.10401	-0.057947	-0.125364	-0.077774	-0.128316	-0.131842
-0.114659	-0.144325	-0.102027	-0.07365	-0.078124	-0.042343	-0.114772	-0.104203	-0.15603	-0.14174
-0.112193	-0.133731	-0.125184	-0.103667	-0.079614	-0.079592	-0.133017	-0.129086	-0.117053	-0.128692
-0.0708	-0.103538	-0.108779	-0.131512	-0.122093	-0.139697	-0.137732	-0.083463	-0.102349	-0.079423
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-0.079244	-0.134914	-0.076813	-0.095727	-0.115623	-0.074548	-0.137292	-0.090356	-0.152372	-0.134521
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-0.050909	-0.103507	-0.054172	-0.111798	-0.116129	-0.091822	-0.138113	-0.124452	-0.124	-0.122234
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0.0177323	-0.05368	-0.081637	-0.117813	-0.090062	-0.09648	-0.13975	-0.106983	-0.132356	-0.103595
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0.0640512	0.0335221	0.0272104	0.0216483	-0.008443	0.0177786	-0.064716	-0.039855	-0.050756	-0.050257
0.0150153	-0.022822	0.0185915	0.0322348	0.0368493	0.041491	-0.050404	-0.011021	-0.074897	-0.035859
0.0484055	0.053075	0.0621944	0.0259102	0.053134	0.0176548	-0.005991	0.0222759	-0.07035	4.34E-04
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0.0071632	0.0513894	0.0089406	0.0295429	0.0219287	-0.016729	0.0663671	0.076693	0.0552937	0.0551717
0.0449269	0.0850212	0.0179794	8.66E-04	0.0420387	0.0032855	0.040914	0.0397123	0.0024445	0.0229845
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0.0893493	0.1242439	0.06573	0.0887502	0.0802126	0.0322597	0.0860812	0.1005041	0.0767318	0.0453221
0.0818821	0.1024436	0.017124	0.0687006	0.0632601	0.0565282	0.0545708	0.0401098	0.054845	0.0351506
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Supporting information

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0.3394285	0.2869627	0.2834392	0.2691541	0.2391717	0.2110654	0.157672	0.1155909	0.0877645	0.0261061
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0.3581721	0.4216886	0.4129077	0.3583898	0.2981079	0.289356	0.2871635	0.2888137	0.243604	0.1999411
0.4242455	0.4383078	0.3371154	0.3184415	0.373509	0.34685	0.3719603	0.3542162	0.3230185	0.2538481
0.3636408	0.3276495	0.2477538	0.2730299	0.3915975	0.3830147	0.3457551	0.3123972	0.3714342	0.3663599
0.2766199	0.2665093	0.309289	0.3421564	0.3480179	0.3959356	0.3628627	0.3259228	0.4086809	0.3779124
0.2567753	0.3451422	0.2920137	0.2792443	0.2272106	0.2894331	0.3850453	0.3982721	0.4178929	0.302839
0.2949432	0.3540267	0.2151643	0.2535663	0.2896258	0.1956238	0.3445967	0.3702653	0.3590633	0.3030699
0.2937126	0.3113977	0.2549415	0.3246013	0.3652348	0.3256238	0.3106308	0.2468764	0.2830884	0.3815866

Supporting information

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0.1396458	0.2210916	0.3205174	0.3231149	0.2194157	0.2140391	0.2737292	0.3209172	0.3583411	0.2799829
0.3121464	0.339691	0.3378812	0.3065365	0.2880395	0.2235481	0.2969407	0.334715	0.3311597	0.2471635
0.3666282	0.3727314	0.2960171	0.2722226	0.3566735	0.3445662	0.3699745	0.3313322	0.3122605	0.3551936
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0.2247614	0.2592328	0.2722393	0.2961871	0.3304588	0.2789129	0.3034484	0.2261801	0.2827093	0.2985514
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0.2863262	0.3661932	0.352431	0.3836059	0.4194604	0.340468	0.2997407	0.2446061	0.3008135	0.3627236
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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0.0174112	-0.016418	-0.040323	0.0136873	0.0090784	0.0209552	-0.023654	-0.025723	-0.014052	0.004085
0.0014509	-0.008425	-0.041412	0.00845	-0.005823	0.0052617	-0.033565	-0.049344	0.0116094	0.0372575
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0.0083148	-0.008313	0.0203423	0.009883	-0.017236	8.64E-04	-0.07625	-6.64E-04	0.0309378	-0.027281
0.0067844	-0.042957	-0.028784	-0.007621	-0.021941	0.032463	8.21E-04	0.0322143	0.0233798	-0.012751
0.0090623	-0.023433	-0.032235	0.0322167	-0.004433	0.0015999	-0.049211	-0.021614	-0.01263	-0.012902

Supporting information

-0.005306	0.0342764	-0.002602	0.0497327	-0.011681	-0.001839	-0.068049	3.22E-04	0.0403201	0.0461678
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0.039014	0.0175881	-0.004973	0.07082	0.0442986	0.0528419	0.0146694	0.0152191	0.0378712	0.056903
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0.062237	0.0728196	-0.006191	-0.005933	-0.001016	0.0453554	-0.006347	0.0280289	-0.009244	-0.041022
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0.0323572	-0.020378	0.0961894	0.0348692	0.0514085	0.0577142	0.0534563	0.0968639	0.0723839	0.0967392
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Supporting information

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0.0017605	0.0130707	0.0529373	0.0764533	0.110084	0.0332551	0.1084024	0.0845189	0.0820638	0.0504301
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.074541	-0.019458	-0.0702	-0.060523	0.0044719	-0.047984	-0.025858	-0.088902	-0.075641	-0.049975
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-0.016335	-0.003421	-0.082901	-0.033774	-0.10187	-0.097638	-0.039616	-0.048025	-0.034716	-0.095818
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-0.019254	-0.028559	-0.071493	0.0128913	-0.022788	-0.023802	-0.051128	-0.078618	-0.012826	-0.043985
-0.01626	-0.015542	-0.013805	-0.022699	-0.032726	-0.028276	-0.046567	-0.099011	-0.046726	-0.046881
-0.027235	-0.03423	-0.002197	-0.059193	-0.065602	-0.01172	-0.02883	-0.048313	-0.048009	-0.069965
-0.006424	-0.058696	-0.036203	-0.040528	-0.032105	-0.015811	-0.065143	-0.05204	-0.025448	-0.088975
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-0.022893	-0.042814	-0.049744	-0.073139	-0.092677	-0.020367	-0.042209	-0.021706	-0.006297	-0.04461
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-0.043054	-0.035691	-0.007233	-0.007505	-0.061006	-0.022223	-0.07012	-0.03675	-0.083022	-0.055059
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-0.045061	-0.057865	-0.021769	-0.084175	-0.005442	-0.017257	-0.026826	-0.052397	-0.127586	-0.070207
-0.017797	-0.045781	-0.029589	-0.062493	-0.011199	-0.065407	-0.079545	-0.062756	-0.103502	-0.043544
0.0171762	0.0128238	9.24E-04	0.0070847	-0.007072	-0.05523	-0.07039	0.0012393	-0.033431	-0.017448
0.0205146	-0.028967	-0.03276	-0.029334	-0.014868	0.0151369	-0.011147	0.0209657	-0.011319	-0.002737
0.0164063	-0.039213	-0.023822	-0.057345	-0.006297	-0.00767	-0.055815	-0.024642	-0.030589	-3.04E-04

Supporting information

-0.038725	-0.019079	-0.024277	-0.051337	0.0100386	-0.010097	-0.032369	-0.040211	-0.038187	-0.005599
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0.0158399	0.0143758	-3.19E-04	-0.078921	-0.031776	-0.005751	-0.028126	0.0091787	-0.062492	-0.014191
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0.041017	-0.022776	-0.044566	3.74E-04	-0.022489	-0.003703	-0.047703	-0.057501	0.0553225	0.031232
0.0145883	-0.022701	-0.003432	0.0123675	-0.038604	-0.001038	-0.023315	-0.03408	0.0321248	0.0091096
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0.0407172	-0.026031	-0.026168	0.0293661	-0.005403	0.0230706	-0.010993	-0.030944	-0.020133	-0.04593
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0.0198612	-0.044604	-0.01959	-0.023812	-0.038784	0.0239278	-0.068299	-0.01113	-0.03107	-0.025849
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0.0370506	0.0130685	0.0078477	-0.033738	-0.027508	-0.014713	-0.043678	0.0199536	-0.025935	-0.048048
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Supporting information

-0.001401	-0.053408	0.0048787	2.57E-04	-0.017562	-0.016554	-0.062308	0.0088091	-0.050881	-0.03281
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0.0043095	-0.052322	0.0390619	0.0090782	0.0486674	-0.014006	5.38E-04	0.0065569	-0.037459	0.0230448
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-0.071708	-0.022287	-0.016167	0.0192264	-0.048719	0.0135423	0.0735269	-0.021782	0.0286307	-0.005961
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-0.029244	0.0012383	0.0237667	0.058458	-0.037557	-0.012234	0.0189473	-2.91E-04	0.042472	-0.015646
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-0.002061	0.0159333	0.0020505	0.0482364	0.008349	-0.006552	-0.069211	-0.065913	-0.060354	-0.005157
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Supporting information

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0.0166898	-0.049682	0.0018895	-0.030941	-0.043691	-0.051892	-0.066571	-0.035231	-0.045404	-0.0178
-0.01944	-0.005106	0.0317996	-0.008734	-8.28E-04	-0.010137	-0.031818	-0.022241	-0.062527	-0.037763
-0.017273	-2.67E-04	-0.018247	-0.052032	-0.016046	-0.019398	-0.011687	-0.012344	-0.045476	-0.010592
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0.068839	0.054736	0.0844129	0.0449253	0.0978752	0.0504625	0.0144248	-0.017977	0.0114477	0.0679428
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Supporting information

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Supporting information

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0.0605591	0.0741093	0.0374424	0.0449253	0.0195329	0.0435406	0.0422511	0.0311754	0.0050096	0.0026336
0.0765818	0.047346	0.0231745	0.0713177	0.0393835	0.0630472	0.031569	0.0415866	0.0251225	0.0096918
0.0667883	0.0058676	0.0216551	0.0606575	0.017478	0.0400093	-0.022903	0.0193222	0.0347854	0.0267078
0.0665156	0.0146213	0.0360466	0.0132543	-0.018733	0.0093737	-0.037589	-0.012266	0.0205162	0.0492224
0.0643401	0.0364484	0.0429382	4.53E-04	0.0153919	-0.001564	-0.035334	0.0094254	-0.024923	0.025282
0.0798492	0.0422555	0.0325765	0.0388485	0.0238803	0.0264231	0.0139343	0.0549846	-0.023571	-0.020719
0.0756528	0.0446616	0.0427613	0.0492872	0.0269286	0.0587496	0.0316967	0.0346036	-0.041377	-0.028868
0.0293917	-0.014701	0.0313685	0.0376091	0.0413284	0.0580066	0.0097465	0.0044789	-0.025148	0.0277476
0.011375	-0.033497	0.0031796	-0.024811	0.0125448	-0.008149	-0.028533	0.0013603	-0.021156	0.0295734
0.017014	-0.021158	0.0263143	-0.014866	-0.031263	-0.002252	-0.015025	-0.022699	-0.048293	0.0205203
0.0427773	-0.009504	0.0058932	0.0262785	0.0034385	0.013291	1.42E-04	-0.003655	-0.051446	-0.014664
0.0328677	-0.011166	0.0103444	0.0470136	0.0523839	0.0198712	8.16E-04	0.0183559	-0.037422	0.0018564
-0.018283	-0.008535	0.0264421	0.0116836	0.044895	0.0045467	-0.041706	5.54E-04	0.0293528	0.0343479
0.0089009	-0.005419	0.0198054	-0.053003	-0.015553	0.0070566	0.032634	0.0532985	0.0445802	0.0373976

Supporting information

0.0157995	-0.00495	-0.013261	-0.045631	-0.00517	0.035536	0.0624229	0.0378396	-0.005748	0.032502
0.0043883	-0.032507	0.0052842	-0.029334	0.0152287	0.0684321	0.0383009	0.0234638	-0.023458	0.012866
-0.01641	-0.035326	0.0293484	0.0328556	0.0396855	0.0618752	-0.022377	0.0289335	0.0350438	0.0454557
-0.030445	-0.027966	0.0110016	0.0016295	0.0187098	-0.00116	-0.028867	0.0248248	0.0450648	0.060582
-0.013208	-0.025024	0.0093604	-0.011487	-0.002437	-0.035444	-0.023465	0.0189018	-0.002442	0.0350532
0.0143868	-0.071775	-0.041116	0.009318	-0.013801	0.0098718	-0.010491	-0.011248	-0.049819	-0.004996
-0.019067	-0.062586	-0.036055	0.0284876	0.0132345	0.0191917	-0.055537	-0.017127	-0.042099	-0.001563
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-0.074771	-0.069656	-0.010648	-0.06361	-0.024541	-0.04711	-0.014642	0.0356068	-0.009068	0.0232165
-0.029317	-0.048763	-0.014232	-0.060251	-0.027471	-0.050268	-0.049648	0.0063936	-0.019183	-0.006763
-0.001285	-0.035873	-0.008806	-0.039386	-0.005131	-0.013219	-0.034859	-0.01449	-0.02327	-0.044316
-0.049397	-0.071641	-0.025451	-0.026803	0.0090723	-0.053582	-0.04167	0.0024109	0.0073066	0.0040279
-0.062083	-0.076215	-0.066467	-0.044714	0.0059866	-0.057085	-0.027792	0.0149698	-0.014405	0.0142515
-0.069189	-0.04242	-0.047055	-0.08994	-0.045964	-0.005551	0.0018079	0.008768	-0.010661	-0.00924
-0.054241	-0.077475	-0.046911	-0.122212	-0.069143	-0.016437	-0.03314	-0.059541	-0.113376	-0.045454
-0.105033	-0.087945	-0.026659	-0.098009	-0.076008	-0.034395	-0.100604	-0.082661	-0.084823	-0.018931
-0.166229	-0.118673	-0.078876	-0.084916	-0.040366	-0.071545	-0.06169	-0.020018	0.0435248	0.0415423
-0.155108	-0.09017	-0.08807	-0.088921	-0.073687	-0.093435	-0.01936	-0.029406	-0.01617	0.0086527
-0.11361	-0.079622	-0.108742	-0.136535	-0.092964	-0.097443	-0.02883	-0.072295	-0.067623	-0.026692
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-0.107688	-0.096048	-0.134192	-0.072609	-0.068841	-0.093631	-0.068096	-0.056796	-0.076041	-0.047866
-0.112016	-0.106642	-0.104919	-0.100997	-0.080023	-0.121301	-0.0684	-0.113469	-0.066602	-0.055453
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-0.121903	-0.123764	-0.083828	-0.122359	-0.106764	-0.133801	-0.060005	-0.090178	-0.094071	-0.066312
-0.120665	-0.115135	-0.096335	-0.098072	-0.118164	-0.142573	-0.068333	-0.082062	-0.06915	-0.059375
-0.117315	-0.091583	-0.11061	-0.135991	-0.114911	-0.117446	-0.090603	-0.101725	-0.076575	-0.105213
-0.112919	-0.074385	-0.144802	-0.124539	-0.070083	-0.095427	-0.107577	-0.143828	-0.118759	-0.130011
-0.112257	-0.068779	-0.126473	-0.112777	-0.071855	-0.113087	-0.077696	-0.142932	-0.105127	-0.094248
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-0.114329	-0.10726	-0.149912	-0.11746	-0.154826	-0.138047	-0.087897	-0.130838	-0.079529	-0.050627
-0.09522	-0.110924	-0.139108	-0.153489	-0.135255	-0.152174	-0.123347	-0.141104	-0.100612	-0.113188
-0.117285	-0.111568	-0.091946	-0.140687	-0.107964	-0.119671	-0.095203	-0.137982	-0.117609	-0.128833
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-0.089135	-0.071809	-0.114723	-0.10853	-0.158724	-0.137544	-0.134954	-0.178036	-0.107553	-0.064772
-0.077747	-0.043424	-0.117912	-0.115605	-0.13352	-0.119794	-0.127821	-0.15974	-0.081213	-0.102007
-0.059542	-0.035326	-0.096142	-0.097697	-0.070418	-0.081451	-0.105658	-0.12424	-0.102876	-0.151636
-0.066755	-0.041305	-0.072851	-0.050919	-0.031592	-0.081855	-0.098149	-0.115941	-0.12102	-0.134602
-0.073094	-0.055224	-0.088397	-0.039922	-0.0955	-0.106655	-0.057447	-0.072465	-0.077174	-0.085847
-0.051549	-0.038235	-0.112965	-0.08633	-0.118194	-0.10366	-0.058002	-0.085049	-0.061838	-0.102136
-0.059508	-0.033754	-0.091817	-0.066172	-0.046672	-0.065162	-0.079545	-0.112322	-0.060354	-0.100363
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-0.041462	-0.019988	-0.06979	-0.023219	-0.074385	-0.084804	-0.055432	-0.053287	-0.025073	-0.053515
0.0158399	0.0073546	-0.034947	-0.006812	-0.046778	-0.055445	-0.040374	-0.102266	-0.059835	-0.079422
0.011335	-2.28E-04	-0.018631	0.0015902	-3.56E-04	-0.019941	-0.010221	-0.111015	-0.060561	-0.087181
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-0.028515	0.0389091	0.0347855	0.0424585	-0.024206	-0.04187	0.0151616	-0.043681	-0.01379	-0.012217

Supporting information

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5.07E-04	0.0267428	-0.035354	-0.002515	0.0361184	0.0058204	0.008615	-0.042113	-0.008874	-0.026347
0.0072725	0.0410356	8.04E-04	0.0157631	0.0219704	-0.036826	-0.004503	-0.059506	0.0062976	0.0099832
0.0065992	0.0471253	-0.004028	-0.00635	-0.043513	-0.077937	-0.001477	-0.031955	-0.007079	-0.04144
-0.023189	0.0027494	-0.06533	-0.018707	-0.053411	-0.058081	0.0184517	-0.026879	-0.013982	-0.095262
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-0.010095	0.0287258	-0.035797	0.0031248	-0.016388	-0.030022	-0.011725	-0.079456	-0.040473	-0.078777
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0.0026198	0.0413838	-0.01767	-0.002437	-0.030529	-0.046709	-0.01575	-0.083259	-0.032915	0.0077404
0.013823	0.0653716	0.0354808	0.0614232	0.028608	-0.006152	0.019154	-0.034526	0.0295654	0.0191572
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-0.052414	0.021346	-0.024088	0.0034009	0.0170681	-0.018193	0.0337444	-0.02669	0.01848	0.0075747
0.0039553	0.030166	0.0112484	0.0324337	-0.020089	-0.036528	0.0360167	0.0210924	0.0410286	0.0465868
0.0287664	0.0045856	-0.012171	0.0354806	-0.023684	-0.023379	-0.014451	-0.028578	0.0346993	-0.002737
0.0049794	0.0087659	-0.031308	0.0318016	-0.041584	-0.006712	-0.013263	-0.022432	0.0209746	-0.018073
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0.0274355	-0.004754	-0.027825	-0.05511	-0.093726	-0.010018	-0.052497	-0.073213	-0.021647	-0.092574
0.0034049	-0.064978	-0.049529	-0.027611	-0.016084	-0.020871	-0.051936	-0.017166	-0.036693	-0.098842
-0.013434	-0.080116	-0.036903	-0.053868	-0.045113	-0.03507	-0.075274	-0.057184	-0.058864	-0.045966
-0.01385	-0.038453	-0.003631	-0.038814	-0.070451	-0.019009	-0.054002	-0.067259	-0.049784	-0.072314
0.0081058	-0.010858	-0.012794	-0.070685	-0.031556	0.0032357	-0.054491	-0.064978	-0.0581	-0.07677
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-0.054826	-0.040332	-0.012015	-0.030685	-0.032872	-0.053546	-0.082532	-0.04204	-0.065031	-0.056955
-0.021893	-0.036492	0.001045	-0.043335	-0.046318	-0.063446	-0.123287	-0.06185	-0.046191	-0.053011
-0.033127	-0.055921	-0.039801	-0.106176	-0.060664	-0.03507	-0.088898	-0.044153	-0.070571	-0.091092
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-0.088658	-0.07959	-0.089148	-0.114494	-0.042121	-0.022609	-0.052392	-0.076127	-0.093655	-0.070657
-0.075721	-0.073216	-0.043443	-0.085398	-0.068605	-0.088297	-0.107917	-0.072669	-0.089795	-0.051062
-0.044252	-0.012591	0.0011253	-0.034895	-0.040366	-0.097606	-0.076901	-0.046654	-0.064723	-0.049212
0.0160826	0.0227619	-0.043334	-0.038814	-0.02054	-0.049	-0.036135	-0.056514	-0.095732	-0.070553
0.0456691	0.0500914	0.0084603	-0.020316	5.50E-04	-0.060277	-0.03893	-0.046979	-0.096369	-0.103164
0.098615	0.1007299	0.0675602	0.0253232	0.0180113	-0.045833	-0.047277	-0.037045	-0.063214	-0.075369
0.2521061	0.1980064	0.1229212	0.0606125	0.075611	0.0041776	-0.023727	-0.024262	-0.062905	-0.058878
0.3053238	0.2590543	0.1403963	0.0991233	0.1178157	0.0574964	0.0353724	0.049134	-0.040329	-0.033941

Supporting information

0.2846425	0.3113075	0.2483482	0.217029	0.144061	0.0697173	0.1164442	0.0749806	0.0249541	0.0509121
0.3561378	0.3377954	0.3260483	0.2515192	0.1943917	0.1585362	0.1637839	0.1514793	0.1240232	0.0965098
0.3369189	0.355468	0.284613	0.1982195	0.2789558	0.2478326	0.1867645	0.2116239	0.192353	0.1571712
0.2286485	0.2582645	0.2712361	0.2490817	0.3348893	0.2965112	0.288718	0.2471594	0.2242462	0.251729
0.2673476	0.2485455	0.3338451	0.3687377	0.3593227	0.2564668	0.2839751	0.2602183	0.2745233	0.3305407
0.3636376	0.3560966	0.3459425	0.3177031	0.2949694	0.3023361	0.2525042	0.2822273	0.3127111	0.3350943
0.2386628	0.2612881	0.2936603	0.231791	0.2578411	0.3435718	0.3217067	0.3120452	0.2644733	0.2704353
0.1315854	0.212612	0.2957935	0.29721	0.3490845	0.3559258	0.3431399	0.2867194	0.2294038	0.2694503
0.315441	0.2895691	0.3152301	0.3464504	0.3514667	0.2743444	0.3111311	0.3062249	0.3247957	0.3770205
0.385713	0.3502055	0.3415204	0.3454955	0.315732	0.2747264	0.2459726	0.3691138	0.4168173	0.3735441
0.3341333	0.3804941	0.3636325	0.2844427	0.2940382	0.3566635	0.3347641	0.3632246	0.3648619	0.3166529
0.2800865	0.2860367	0.3323779	0.2839156	0.3503181	0.3514341	0.403364	0.3551297	0.321035	0.3563829
0.3162477	0.2507962	0.3233395	0.4018974	0.402775	0.3169125	0.3244539	0.3677044	0.2884243	0.4180697
0.3579118	0.3936186	0.3992172	0.3923276	0.3650355	0.3947435	0.3513248	0.3654587	0.3169768	0.3941258
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Supporting information

[illegible]

Supporting information

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Supporting information

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Supporting information

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-0.010657	-0.008095	0.0430606	-0.015175	-0.024219	0.0430277	0.0248501	0.0268156	-0.0336	-0.003906
-0.002862	-0.005011	0.031683	0.0011322	-0.010464	-0.007529	-6.72E-05	0.0154433	-0.010223	0.0272102
-0.079208	-0.02932	0.006797	0.0330452	0.0261085	-0.024632	0.0167251	-0.028314	-0.019066	0.0275581
-0.029591	-0.026659	0.0022932	-0.027499	-0.002839	-0.020983	0.0354805	0.0280301	-7.17E-04	0.0073266
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Supporting information

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0.004259	0.0034882	-0.040898	-0.01766	0.0291598	0.0110551	0.0304404	-0.022089	-0.016138	0.0097002
-0.042417	-0.044576	-0.03601	-0.043295	-0.046411	-0.064777	-0.0355	-0.072842	-0.022164	-0.02225
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-0.010302	-0.014116	-0.001285	-0.014162	0.0184256	-0.033401	0.0289922	-0.023943	0.0120439	0.0057514
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-0.068232	-0.046905	-0.058831	0.0084716	-0.00861	-0.005516	-0.027842	-0.030597	-0.004425	-0.038282
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0.0243798	0.0146537	-0.042065	0.0230653	-0.063815	-0.057187	-0.016471	-0.019994	-0.057121	-0.094228
0.0321829	-0.01589	-0.074432	0.0188755	-0.017028	-0.044572	-0.046095	-0.053657	0.0020958	-0.039067
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0.0114569	-0.026777	0.009949	0.0156863	0.017921	0.0031946	-0.029874	0.0096587	0.0277488	0.0297828
0.0208479	-0.005217	0.0310787	-0.025298	-0.031405	-0.011956	-0.056293	-0.01167	-0.026186	-0.008975
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0.0419937	0.0033199	-0.006537	-0.014357	0.0525037	0.0320634	0.010719	-0.068794	-0.085307	-0.02803
0.0443136	0.0068671	0.0220297	0.0010514	0.0604025	-0.010433	0.018261	-0.006525	-0.020637	0.0141069
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0.003159	0.0558294	0.0562958	0.0538574	0.0406971	0.0085552	0.0153219	0.0398752	0.0436436	0.0296516
0.0319655	0.0513437	0.0379476	0.0137673	-0.009518	0.0081876	0.0150672	0.0247413	0.050033	-0.014657
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Supporting information

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0.0396861	0.0430156	0.0110185	-0.011538	0.0297639	-0.03061	0.0148552	0.0380488	0.0066338	0.0339132
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Supporting information

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0.0025897	0.0185129	0.0421748	-0.005727	-0.017299	0.0468044	-0.003048	0.0530176	0.0104795	0.0677353
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0.0341012	-0.00286	0.0156559	0.0069938	-0.029375	0.0095371	-0.004673	0.0066297	-0.044489	-0.009335
0.0463313	-0.03621	0.0350216	0.0129771	0.0127825	0.0362679	-0.028955	0.0191727	0.0014916	-0.020189
0.0089343	-0.053302	0.0186215	0.0121469	0.0172492	0.0255983	-0.036141	0.0062163	0.0151481	0.0038521
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0.0216538	0.0274457	0.0284985	-0.001689	-0.014968	0.0106853	-0.057443	0.00276	-0.03412	-0.001634
0.0215265	-0.002902	0.0304322	0.0536748	0.0404757	0.0399859	-0.010752	0.0053497	-0.072021	-0.011567
0.0226315	-0.09229	-0.018783	0.0046234	0.0254666	0.0383636	-0.058662	0.0138428	-0.074967	0.024264
0.0120795	-0.071874	-0.029231	0.0016582	0.0233338	0.0034368	-0.05002	0.058062	0.0049671	0.0327668
0.0065904	-0.012172	0.0127517	-0.035079	-0.016523	-0.017379	-0.051078	0.0140951	-0.035305	0.0203951
0.0180597	-0.004557	0.0020914	-0.035302	-0.026501	0.0071274	-0.02953	-0.007607	-0.037297	0.0206091
0.0078225	-0.075642	-0.021237	-0.00799	-0.011094	0.0452898	-0.02118	0.031782	-0.072055	-0.013353
0.0245507	-0.074729	-0.023715	0.018707	-4.29E-04	0.0391959	-0.062654	0.0053909	-0.04644	-0.027762
0.0322264	-0.013752	0.0024547	-2.40E-04	0.0414062	0.0173891	-0.046168	-0.011194	0.0092075	0.0060825
0.0145369	-0.055511	0.0221987	-0.033028	0.0284703	-0.010394	-0.022349	0.0164573	-0.019296	-0.009255
0.0225889	-0.054849	0.015531	0.0141837	0.001914	-0.00808	0.0064139	0.0163727	-0.052205	-0.02488
0.0304464	-0.043784	0.0376848	0.0290602	-0.006827	0.0170556	-0.01989	-0.001441	-0.053803	6.51E-04
0.0211446	0.0142654	0.0694755	0.0442856	0.0122429	-0.001941	-0.013104	0.0389833	-0.02205	0.0053791
0.013119	0.0046256	0.0287558	-0.018473	-8.72E-04	-0.03588	-0.057766	0.0411269	-0.024483	0.0045943
0.0179334	-0.025992	0.0087592	-0.018318	0.0074578	-0.051353	-0.033	0.0243104	-0.045502	9.37E-04
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-0.038553	-0.010342	0.02296	-0.019939	0.0324063	-0.046124	-0.043952	-0.018201	5.27E-04	0.0289527
0.0083163	0.0050899	0.0031821	-0.052469	0.0039847	8.20E-04	-0.012189	-0.021275	0.0154389	0.0156704
0.0087282	-0.033706	0.0042351	-0.019977	0.0204076	0.0407774	0.0289046	0.0142213	-0.026714	-0.0189
-0.044026	-0.050635	0.0019704	0.013684	-7.11E-04	-0.017802	-0.033683	0.014053	-0.043837	-0.022366

Supporting information

-0.042454	-0.062795	-0.012274	-0.058608	-0.013954	-0.066671	-0.074551	-0.006605	-0.029684	-0.010572
0.0067955	-0.023626	-0.004118	-0.028142	-0.015785	-0.086355	-0.054598	0.0096587	0.0040753	0.0023305
0.0345821	-0.035441	-0.013171	-0.026514	0.0130733	-0.023988	-0.017535	-0.035841	-0.048454	-0.045623
0.0125781	-0.036862	0.0171153	-0.02117	9.52E-05	-0.004526	-0.018596	1.04E-04	-0.040817	-0.007292
-0.025458	-0.017697	0.0044784	-0.008978	0.0181733	-0.047096	-0.020321	0.0223338	-0.011319	0.021595
-0.086848	-0.057526	-0.021275	-0.01572	0.0028466	-0.048316	-0.030944	0.0131286	0.0099456	0.0079084
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-0.062043	-0.045967	0.0096615	-0.01673	0.0426946	-0.017456	-0.0258	0.0355666	0.0237902	-0.003987
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0.0262638	-0.013833	0.0068786	-0.04293	0.0061061	0.0019049	-0.008025	-0.015184	-0.019449	0.0193692
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-0.095104	-0.063373	0.0345865	-0.017622	0.0475715	-0.005041	-0.003211	0.0301202	-0.031105	0.0348413
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0.0123703	-0.039004	0.0137038	-0.049241	0.0028466	-0.041342	-0.022661	-0.027168	-0.021974	0.0181327
-0.00618	-0.04578	0.0476517	0.0246843	0.0488783	0.0011811	-0.033683	0.0058034	-0.047808	0.0350183
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0.0042182	0.0087369	-0.037228	-0.046024	0.0428281	0.0335325	0.0633963	0.025	0.0143181	0.028342
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-0.124613	-0.136621	-0.136607	-0.074079	-0.08415	-0.121026	-0.07531	-0.121524	-0.072564	-0.032865
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-0.081759	-0.051711	-0.06991	-0.101263	-0.14822	-0.150421	-0.100608	-0.128123	-0.122525	-0.094458
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Supporting information

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-0.001213	-0.066428	-0.041226	-0.041686	-0.090221	-0.048997	-0.128981	-0.080014	-0.025317	-0.051175
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-0.065739	-0.085317	-0.016894	-0.064209	-0.047822	-0.003454	-0.071781	-0.053081	-0.047808	-0.081589
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-0.068853	-0.121269	-0.036453	-0.053112	-0.058279	-0.07686	-0.104008	-0.073805	-0.120007	-0.101594
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-0.114243	-0.103155	-0.103479	-0.131904	-0.079709	-0.050925	-0.12825	-0.064498	-0.071375	-0.071766
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-0.046283	-0.101308	-0.043521	-0.092552	-0.079575	-0.099138	-0.121177	-0.099778	-0.13452	-0.086501

Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.047649	-0.021759	0.0128888	0.0115138	0.0079659	-0.042	0.0023532	-0.020171	-0.039675	-0.014844
-0.047353	-0.029315	0.0028609	-0.020921	0.0162546	-0.081951	0.0073332	-0.015846	-0.022937	-0.030308
-0.006072	0.017872	0.0106403	-0.016196	0.0261149	-0.052053	0.0107438	-0.02311	-0.027671	-0.012902
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Supporting information

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0.0583689	0.0111688	0.0364792	0.0487233	-0.024341	-0.020475	-0.07484	0.0038323	0.0494618	0.0665726

Supporting information

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0.0612136	-0.009604	0.0312218	-0.033466	-0.011815	0.0369164	-0.030156	0.0134561	-0.085986	-0.033199
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.03402	-0.040181	-0.082361	-0.057261	0.0012878	-0.057321	-0.02669	-0.032007	0.0051916	-0.005981
-0.063932	-0.034025	-0.062521	-0.05042	-0.044607	-0.068782	-0.079939	-0.093138	0.0042689	-0.01964
-0.095249	-0.013413	-0.039302	-0.037528	-0.059674	-0.099921	-0.068537	-0.090388	-0.016588	-0.055859
-0.055282	0.0280326	-0.050233	-0.059395	-0.047827	-0.050072	-0.03803	-0.064112	-0.014748	-0.047545
-0.060888	0.0222435	-0.037854	-0.028557	-0.015668	-0.015477	-0.017896	-0.071201	-0.028288	-0.041442
-0.025878	-0.016014	-0.046208	-0.007608	0.0090842	-0.002371	-0.035116	-0.059044	-0.026614	-0.043954

Supporting information

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0.0411725	0.0302901	-0.010444	-0.014215	-0.074482	-0.033099	-0.061512	-0.037133	-0.021906	-0.041327
0.0245398	-0.008733	-0.025976	0.0207142	-0.055333	-0.019116	-0.018382	-0.04122	-0.004359	-0.033545
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0.0033653	0.0223743	0.0050748	-0.024599	-0.040188	0.0022558	-0.028317	-0.005716	-0.034233	-0.057885
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0.0041994	-0.035553	-0.033636	0.009989	-0.043629	-0.001324	-0.001863	-9.48E-04	-0.074448	-0.074968
0.0272607	-0.038594	-0.026995	0.0142734	0.0156394	-0.00279	-0.066474	-0.018406	0.0250784	-0.025541
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0.0347651	0.0057867	0.0345774	-0.020282	0.0047263	-0.004667	-0.023218	0.0363147	-0.010314	0.0350412
0.0270847	-0.003919	0.0233602	-0.009465	-0.034994	0.0110991	-0.005259	0.0139346	-0.037784	-0.00278
0.0745614	0.037179	0.0086284	0.0156674	-0.004356	0.0011155	-0.026094	2.93E-04	-0.09924	-0.061108
0.0074679	0.0140868	0.0260048	0.0559155	0.0769238	0.0047155	-0.033436	0.0357746	-0.025911	-0.014797
-0.009687	-0.001038	2.98E-04	-0.028912	0.0325862	0.022601	0.0100862	0.0237976	0.0456432	0.042665
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0.0020755	-0.030413	0.0645369	0.0339807	0.0386887	0.0206554	0.0093081	0.0088322	-0.043226	-0.004986
-0.037106	-0.005516	0.0965092	0.0406766	0.0245807	-0.01442	-0.013615	0.0442219	-0.016868	0.0258518
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0.0105917	0.0016538	-0.032555	-0.058366	0.0289654	-0.010906	0.0282436	0.0065555	-0.03262	-0.013292
0.0258104	-0.032031	0.0275993	0.0062584	0.0749398	0.0389019	0.0256348	-0.023654	-0.010679	-0.00232
0.0087316	-0.010312	0.0630899	0.0365826	0.0628857	-0.012789	-0.019232	0.0394331	-0.027588	-0.010883
-0.0272	0.0283417	0.055595	0.0160603	0.0355137	-0.045701	-0.004925	0.0505507	-0.004687	-0.019078
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0.0291579	0.0836294	0.0690046	0.0397533	4.12E-04	-0.040405	0.0172848	-0.031968	-0.01866	-0.030776
-0.018096	0.0432177	0.0552638	0.0741977	0.0407878	-0.026421	0.004156	-0.010675	0.0094952	-0.031245
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0.0207503	0.0401651	-5.34E-04	0.045043	0.0154668	0.008646	0.0367632	0.0380745	0.0284316	-0.041098
0.0230549	0.0343924	-0.069496	-0.00437	-0.001252	-0.024676	-0.003292	-0.012812	-0.023599	-0.045659
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-0.039377	0.0140868	0.0062139	0.044903	-0.004026	-0.004625	0.0113862	-0.007511	0.009368	-0.04106
0.0049097	0.0277678	0.0169481	0.0324815	-0.006617	0.0262504	0.016933	-0.010554	0.0116631	-0.068954
0.0237094	0.0095359	0.0110563	0.0401224	0.0406963	0.0357385	-0.034257	-0.009461	-0.008162	-0.02795
0.0380472	0.0423042	-0.020688	0.0593758	0.0303922	0.0267423	-0.034413	-0.005635	0.0119615	-0.027635
0.0404458	0.0461998	0.0138847	0.0685924	0.0138301	0.0386719	0.0320955	-4.52E-04	0.0472591	0.0110847
0.0355272	0.0474907	0.0261817	0.0618921	-0.00291	0.0300208	0.0467695	-0.018763	-0.030382	-0.007015
0.0138235	0.0181244	0.0339466	0.0101613	-0.055077	0.0321901	0.0080143	0.0340241	-0.031078	-0.011537
-9.05E-04	-0.025796	0.017338	0.014143	0.0030456	0.0374778	-0.03112	0.0124402	0.0016792	-0.028737
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0.0440915	0.0414382	0.0270671	0.0708655	-0.010211	0.0285357	0.013082	0.0147481	0.005948	-0.008706
0.0272167	0.0086484	0.0334965	0.0373616	-0.015869	0.0381663	0.0053099	0.0134644	-0.027977	-0.028697
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0.0151915	0.0163587	0.0017174	0.0071559	0.0384611	0.0159601	-0.021773	0.0328609	0.0228427	0.0179894
0.0103376	0.0111891	0.0355706	0.0269384	-0.008826	-0.003416	-0.035934	0.0338001	0.0097921	0.0228756
0.0315521	-0.005434	0.0586823	0.054291	0.0475182	0.0200822	-0.037216	0.0213108	-0.035535	-0.036682
0.0091537	-0.020182	0.0232723	-0.035593	-3.38E-04	0.0422739	0.0062095	0.0390251	-0.050377	-0.015972
-0.013391	-0.03757	-0.01774	-0.01835	0.0301244	0.0446919	0.0249179	0.0223561	-0.051337	-0.003364
0.0409452	0.0114015	0.0358418	0.0073271	0.0380518	-0.019639	-0.01222	0.0033714	-0.01858	0.0296122

Supporting information

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0.0205768	0.0267101	0.0036867	0.0171096	0.0653957	0.0683607	0.0451248	0.0526498	-0.012577	0.0198318
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0.0496644	0.0741984	0.0237998	0.0487469	0.067823	0.0194658	-0.002326	-0.01908	-0.007836	-0.033467
0.0460178	0.0330951	0.0014248	0.0632531	0.0722266	0.0622972	0.0013057	-0.050942	-0.019731	-0.025778
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0.0119495	-0.015255	0.0136269	0.0430402	0.0721282	0.0312849	-0.074097	0.0123976	0.0038921	-0.029444
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Supporting information

-0.0425	0.0041956	0.0140998	-0.045294	-0.012888	-0.062234	-0.06651	-0.016097	-0.053799	-0.010923
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-0.031182	-0.036848	0.0106294	-0.043851	0.0078952	-0.011644	-0.037565	-0.034845	-0.036451	0.0243834
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-0.03547	-0.013253	0.0104587	0.0051071	-0.028725	-0.058021	-0.011767	0.0092128	-0.004523	0.0168528
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0.0031986	0.0191181	-0.047031	-0.034934	-0.014058	-0.030558	0.0072829	-0.044896	0.0151286	-0.021443
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-0.012789	0.0282092	0.0424034	0.0088707	0.0653473	-0.003583	0.0295992	-0.011563	-0.005917	0.0200077
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-0.027899	0.0345716	-0.006236	0.0169783	-0.009356	-0.040252	-0.041886	-0.042874	-0.012335	-0.061874
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-0.024629	0.0423042	0.0230088	-0.0173	-0.003737	-0.037521	-0.011562	-8.24E-04	-0.012295	-0.034438
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-0.051369	-0.016612	-0.040593	-0.075536	0.0129282	-0.028593	-0.040425	-0.066677	-0.020761	0.0034405
-0.066103	0.0103829	0.0118687	-0.006199	0.0582895	0.0266975	-0.004758	-0.044036	-0.045436	0.0207559
-0.026812	0.0320689	0.0424493	0.0677553	0.0406506	-0.048156	0.0281985	0.0284604	-0.011528	0.0094935
-0.012829	0.0236399	-0.019575	0.0336168	0.0190633	-0.026144	0.015047	0.0322359	0.0360272	-0.003988

Supporting information

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-0.062216	-0.009179	-0.021799	-0.037335	-0.013615	-0.014054	-0.025775	-0.066926	-0.03046	-0.010596
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Supporting information

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Supporting information

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Supporting information

[illegible]

Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.012964	0.0180838	0.0297329	-0.009381	0.0074446	-0.041445	-0.029457	-0.01154	-0.044526	-0.019237
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-0.06344	-0.020318	-0.070899	-0.010562	-0.091761	-0.082716	-0.001744	-0.00398	0.0049918	-0.067381
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-0.022732	-0.013722	-0.045625	9.34E-04	-0.036293	-0.0269	-0.013198	-0.038516	-0.020615	-0.059559

Supporting information

0.0093219	-0.051379	-0.031846	0.0136882	-0.002178	0.0094636	-0.027154	-0.029318	-5.61E-05	-0.076614
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0.036533	-0.017994	-0.010836	-0.020412	-0.016526	-0.033961	-0.028862	0.0020595	-0.038223	-0.00531
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0.0238493	0.0016544	0.0063337	-0.00586	-0.022238	0.0175807	-0.016516	-0.031576	-0.052854	-0.045818
0.0205835	-0.00627	-0.025087	0.0164057	0.0025856	0.0221615	-0.020455	-0.00222	-0.013457	-0.039203
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-0.035803	-0.013722	-0.078362	-0.034223	-0.073636	-0.070441	-0.024799	-0.051342	0.0280089	0.0073769
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0.0185495	0.0061681	-0.022811	0.0102618	-0.007917	0.0360641	-0.002082	-0.019343	-0.00777	-0.084066
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Supporting information

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9.08E-04	-0.052022	-0.005493	-0.064526	1.14E-04	-0.026148	0.0099772	0.0090667	-0.034821	-0.030524
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-0.056049	-0.037535	0.0116327	-0.027627	0.0363434	-0.010415	-0.037266	-0.030972	-0.07891	0.0033724
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-0.051223	-0.035066	0.0145902	-0.018939	0.0227086	0.0244702	0.0033077	-0.061893	-0.058281	0.0217369
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-0.032553	-0.038316	-0.038578	-0.029149	0.0231049	-0.017545	-0.002377	-0.052915	-0.044334	-0.076578

Supporting information

-0.068911	-0.009241	-0.023291	-0.056662	-5.54E-04	-0.028479	0.0191799	-0.050804	-0.038223	-0.0521
-0.092009	-0.006564	-0.005702	-0.042349	-0.052507	-0.103364	0.0108019	-0.006927	-0.003065	-0.010145
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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-0.055804	-0.013568	-0.053054	0.0107169	7.55E-04	-0.001861	0.0237764	-0.034177	0.0017987	-0.01123
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-0.0207	0.0262685	-0.030851	-0.056416	-0.087986	-0.038945	0.0084031	-0.012352	-0.003194	-0.047793
-0.044236	-0.011766	-0.046685	-0.024699	-0.033535	-0.033659	0.0123071	-0.061427	-0.005409	-0.034736
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-0.0291	-0.039034	-0.025345	-0.025437	-0.101624	-0.060796	-0.067724	-0.054841	-0.005669	-0.010583
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-0.003398	-0.022306	-0.020689	-0.008056	-0.065204	-0.00303	-0.017735	-0.028884	-0.01156	-0.050122
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-0.033653	-0.050671	-0.069273	-0.02996	-0.048499	-0.049018	-0.065084	-0.051315	-0.03779	-0.025002
0.0057339	-0.060956	-0.047628	-0.048177	-0.082831	-0.022353	-0.016152	-0.015996	-0.041952	-0.047516

Supporting information

0.008199	-0.041982	-0.045936	0.0068615	-0.009103	0.0219288	-0.017818	0.008613	-0.017162	-0.031255
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-0.023169	-0.053961	-0.031462	-0.049031	0.0037573	0.0047348	-0.008531	-0.00902	-0.05047	0.0092669
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

[illegible]

Supporting information

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Supporting information

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Supporting information

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0.006449	-0.061475	-0.021756	-0.039727	0.0048634	0.0193326	-0.032565	-0.011518	-0.056488	-0.022816
-0.047512	-0.068453	-9.98E-04	0.0017795	0.0167911	-0.01945	-0.039411	0.0015053	-0.029448	-0.020804
-0.064118	-0.048379	-0.011651	-0.028659	0.0036434	-0.04911	-0.004185	0.008212	-0.004641	-0.009985

Supporting information

-0.016595	-0.047898	-0.042807	-0.068274	-0.007274	-0.01413	-0.006045	-0.022729	-0.036957	-0.02677
-0.011963	-0.104223	-0.030932	-0.024864	0.0139169	-0.02948	-0.026623	-0.073011	-0.090069	-0.043379
-0.028007	-0.081078	-0.019821	-0.035129	0.0049087	-0.00427	-0.019786	-0.050385	-0.050836	-0.019514
0.0153585	0.0101403	-0.001306	-0.062897	-0.010954	-0.0428	-0.008248	-0.001166	-0.009822	1.64E-04
-0.021643	0.0236375	-0.033513	-0.030812	-0.054747	-0.06224	-0.011925	0.0189118	0.0241863	0.003464
-0.033787	0.014701	-0.032859	-0.058074	-0.041408	-0.03957	-0.035919	-0.027267	0.0216228	-0.015058
0.0056398	0.0287254	-0.022175	-0.046753	0.0044111	-0.01513	0.0166263	-0.021248	-0.010878	0.0055108
-0.082796	-0.042695	0.0040052	0.0024926	0.0330448	-0.008567	0.0281348	-0.010433	-0.013199	0.0082092
-0.045241	-0.03751	-0.030562	0.0110063	-0.012131	-0.031408	0.0246122	0.0184935	0.0017327	-0.038545
0.00961	-0.009788	-0.044563	-0.038998	-0.06272	-0.024791	0.0179315	-0.018527	-0.013854	-0.05973
-0.038397	-0.003128	-0.058628	-0.059584	-0.038223	-0.048588	-0.015009	-0.096268	-0.059365	-0.039985
-0.048148	-0.012624	-0.041285	-0.053118	8.99E-04	-0.072177	-0.040473	-0.068435	-0.043525	-0.05563
-0.0268	0.0044947	0.0389019	0.0143399	-0.047467	-0.074758	-0.014142	-0.016346	-0.018064	-0.013184
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-0.029045	-0.018069	-0.139087	-0.038795	0.004592	-0.014173	-0.04332	-0.013335	-0.008941	-0.030437
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-0.013426	-0.031931	-0.047737	-0.036966	-0.041326	0.0291257	-0.013274	0.031937	-0.028816	-0.087024
-0.00237	-0.022597	-0.036038	-0.026828	-0.087046	-0.007817	-0.077423	-0.003027	-0.042178	-0.096283
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-0.024711	-0.100154	-0.095562	-0.058694	-0.050943	-0.017079	-0.056695	-0.026389	-0.051797	-0.040272
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-0.049455	-0.072298	-0.039879	-0.032091	-0.007714	-0.050032	-0.039288	-0.066873	-0.024156	-6.46E-04
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-0.025882	-0.046613	-9.98E-04	-0.011984	-0.04586	-0.051792	-0.018672	-0.02057	-0.025049	-0.062351
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-0.049059	-0.003661	-0.069778	-0.023059	-0.007494	-0.050513	-0.045101	-0.066148	-0.030289	-0.051292
-0.047274	-0.063608	-0.083717	-0.003884	-0.01482	-0.066235	-0.057873	-0.082979	-0.025262	-0.030353
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-0.074697	-0.01245	-0.073147	-0.045077	-0.085909	-0.086631	-0.045827	-0.055429	-0.035216	-0.079217

Supporting information

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-0.018596	-0.028716	0.0202009	0.0139733	6.31E-04	0.0126158	-0.046713	-6.78E-04	-0.007704	-0.058826
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-0.012523	0.0083567	-0.038024	0.0290252	-0.01715	0.0167549	-0.013665	0.0054988	0.0235678	-0.020374
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0.0127942	-0.055016	-0.019694	-0.003444	-0.068644	0.005227	-0.003742	0.0174729	-0.063508	-0.047999
-0.03432	-0.084445	-0.055572	0.0015124	-0.018738	0.0220676	-0.042346	-0.012038	-0.017762	-0.013359
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-0.047154	-0.046774	-0.044045	-0.013792	-0.010693	-0.026063	-0.085408	-0.001876	-0.08547	-0.045087
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0.0103357	0.032955	0.0383714	0.0201081	-0.022366	0.0446905	0.0201314	0.0196563	-0.025814	-0.040026

Supporting information

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-0.041672	-0.011317	-0.009239	-0.01777	-0.034106	-0.036646	-0.041288	0.0137816	-0.033927	-0.065072
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Supporting information

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Supporting information

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0.1576574	0.2432243	0.2288251	0.243385	0.2351685	0.1462363	0.1173315	0.0411851	0.0024567	-0.03838
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0.0823102	0.1345758	0.1908545	0.2039809	0.1736763	0.2658793	0.3026386	0.2457877	0.1724419	0.141198
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Supporting information

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-0.102527	-0.105734	-0.038347	-0.089248	-0.077306	0.0104458	0.0516046	0.0777198	0.1774949	0.1551925
-0.112734	-0.126765	-0.089967	-0.078129	-0.162891	0.0196148	0.0241857	0.061985	0.1453081	0.1612191
-0.076076	-0.12556	-0.090433	-0.081377	-0.110185	-0.006845	0.0234758	-0.025592	0.047613	0.1144933
-0.142085	-0.144808	-0.142088	-0.120827	-0.116321	-0.024026	-0.045182	-0.021587	0.0228077	0.1007662
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-0.105458	-0.144872	-0.117516	-0.135096	-0.105998	-0.04742	-0.060297	-0.067978	0.0404365	-0.008
-0.092934	-0.133072	-0.113662	-0.085695	-0.133142	-0.096211	-0.053618	-0.037431	0.0038629	-0.016924
-0.11427	-0.149275	-0.146802	-0.10468	-0.12864	-0.093501	-0.068026	-0.082206	-0.019402	-0.017789
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-0.0939	-0.106821	-0.116606	-0.060511	-0.109594	-0.114863	-0.05429	-0.068283	-0.034385	-0.057882
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Supporting information

[illegible]

Supporting information

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Supporting information

-0.042968	-0.080785	-0.089431	-0.080472	-0.125329	-0.035245	-0.049944	-0.061604	-0.117205	-0.125749
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-0.038762	-0.118617	-0.063219	-0.044422	-0.045974	-0.055414	-0.099527	-0.057224	-0.082699	-0.106799
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-0.020493	-0.074853	-0.094511	-0.052525	-0.049045	-0.005623	-0.058208	-0.023549	-0.0281	-0.018967
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-0.047817	-0.039131	0.0147935	-0.028264	0.0072498	-0.003231	-0.018732	0.0048301	-0.050069	-0.040346
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0.0198871	0.0290354	0.0070684	-0.034013	0.0017309	-0.005578	-2.42E-04	0.0081828	-0.038397	0.0057872
-0.003072	0.0346512	-0.03004	-0.027921	0.0015915	-0.008808	0.0188831	0.0095682	-0.023649	-0.028632
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Supporting information

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0.023566	0.0313419	0.0401551	0.0164459	-0.037778	0.009072	-0.033794	0.0407245	0.022885	0.0289927
0.0196993	-0.023847	0.0356049	0.028296	-0.041916	0.0406447	-0.005203	0.0326502	-0.039963	-0.036869
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-0.022372	0.0084369	-0.064264	0.0041708	-0.04921	-0.02136	0.0317822	0.0570797	0.0827865	0.0403988
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-0.017055	-0.046679	-0.030959	-0.048206	-0.081153	-0.012944	-0.02748	-0.066523	-0.044418	-0.076093
0.0043864	-0.055107	-0.066078	-0.07059	-0.06288	-0.023482	-0.053387	-0.029466	-0.053358	-0.07103
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Supporting information

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-0.018132	-0.093851	-0.015445	0.0052809	-0.020861	-0.03847	-0.046313	0.0013214	-0.066908	-0.006789
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0.0355232	-0.002123	0.0182403	-0.026201	-0.005185	0.032018	0.0262544	-0.015198	-0.089348	-0.033619
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Supporting information

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Supporting information

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Supporting information

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0.0042052	0.0158752	-0.023335	-0.063849	-0.008692	-0.046082	-0.047673	-0.058807	-0.035206	-0.093345
-0.022457	-0.006203	-0.067692	-0.074038	-0.05752	-0.064667	-0.029359	-0.048491	-0.026883	-0.048694
-0.058064	-0.006158	-0.07212	-0.073033	0.0062624	-0.001008	-0.058286	-0.062819	-0.065038	-0.094009
-0.083669	-0.016461	-0.027396	-0.041188	-0.033556	-0.034698	-0.035851	-0.079035	-0.051346	-0.10085
-0.026949	-0.028287	0.008118	-0.022568	-0.019403	-0.074111	-0.002508	-0.029677	-0.037633	-0.149589
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-0.085921	-0.0513	-0.063606	-0.067115	-0.070698	-0.030084	-0.013319	-0.051596	-0.014293	-0.053537
-0.075225	-0.037916	-0.010527	-0.041937	-0.084443	-0.077977	-0.039122	-0.074028	-0.055075	-0.103636
0.0137314	-0.003487	-0.021461	-0.021568	-0.022095	-0.043903	-0.027899	-0.071579	-0.045003	-0.078278
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-0.093221	-0.0711	-0.087273	-0.052241	-0.055692	-0.055574	-0.067388	-0.106228	-0.051593	-0.098667
-0.101645	-0.081734	-0.047388	-0.028135	-0.062759	-0.116181	-0.081101	-0.096048	-0.094073	-0.099068
-0.032896	-0.071138	-0.012318	-0.068251	-0.056383	-0.089112	-0.051886	-0.027771	-0.062158	-0.070874
0.0127601	0.0074578	-0.015791	-0.088606	-0.061194	-0.048454	-0.037735	-0.084731	-0.04333	-0.073743

Supporting information

-0.037941	-0.012698	-0.077405	-0.094314	-0.040864	-0.064195	-0.015346	-0.092552	-0.060146	-0.065119
-0.082261	-0.05948	-0.034411	-3.33E-04	-0.041201	-0.053281	-0.022346	-0.102313	-0.043749	-0.070602
-0.054754	-0.069659	-0.030207	-0.023999	-0.097284	-0.079233	-0.042652	-0.098327	-0.023649	-0.052767
-0.003918	-0.025965	-0.032834	-0.060001	-0.045516	-0.057855	-0.029026	-0.083463	-0.068533	-0.086234
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-0.057042	-0.030042	0.0163738	0.0023269	-0.043343	-0.106869	-0.061277	-0.065084	-0.009607	-0.066889
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-0.04191	-0.033912	-0.014925	-0.042891	-0.019005	-0.095198	-0.026014	-0.060346	-0.026404	-0.016682
-0.099831	-0.0475	-0.048873	-0.053375	0.0076736	-0.046943	-0.041681	-0.103027	-0.06336	-0.027602
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-0.049101	-0.06523	-0.013232	-0.018027	-0.030158	-0.08056	-0.043781	-0.077637	-0.051346	-0.088181
-0.006268	-0.016064	0.0189892	-0.043098	-0.003535	-0.034613	-0.041113	-0.051113	-0.090515	-0.118107
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-0.063563	-0.037076	-0.056696	-0.087785	-0.045266	-0.112818	-0.023107	-0.083239	-0.069718	-0.096473
-0.057553	-0.090593	-0.041397	-0.08501	-0.039176	-0.094245	-0.061161	-0.062859	-0.056257	-0.089077
-0.008121	-0.053086	-0.029202	-0.063533	-0.044013	-0.053644	-0.056255	-0.027049	-0.015189	-0.067752
-0.024115	-0.055188	-0.010615	-0.067194	-0.02042	0.0227897	-0.009673	-0.024234	-0.05147	-0.080604
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-0.031855	-0.071527	-0.055435	-0.11611	-0.102982	-0.084895	-0.053308	-0.037093	-0.074075	-0.071962
-0.103558	-0.126556	-0.085729	-0.131387	-0.104185	-0.076832	-0.092632	-0.079073	-0.090026	-0.082425
-0.082781	-0.123053	-0.111176	-0.074231	-0.062399	-0.092921	-0.126397	-0.086736	-0.122233	-0.081629
-0.058495	-0.061829	-0.081736	-0.080548	-0.09424	-0.087736	-0.090249	-0.065902	-0.083349	-0.100197
-0.059514	-0.098255	-0.074507	-0.16382	-0.146352	-0.106049	-0.065859	-0.09612	-0.131022	-0.133326
-0.020236	-0.080519	-0.074658	-0.125943	-0.095616	-0.079802	-0.090176	-0.114162	-0.178728	-0.126605
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-0.105709	-0.094846	-0.102976	-0.054628	-0.071327	-0.082677	-0.111518	-0.094595	-0.066432	-0.120646
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-0.080587	-0.125632	-0.125584	-0.111993	-0.148823	-0.100078	-0.11413	-0.104132	-0.092504	-0.113125

Supporting information

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-0.118497	-0.115049	-0.123429	-0.119354	-0.10792	-0.150232	-0.133206	-0.141528	-0.147854	-0.10522
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-0.109491	-0.131725	-0.111905	-0.145229	-0.103602	-0.114538	-0.127029	-0.167241	-0.171237	-0.158802
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0.009538	-0.055913	-0.12659	-0.146471	-0.141366	-0.181505	-0.162472	-0.191516	-0.133073	-0.114534
0.0289516	-0.041717	-0.09274	-0.143292	-0.110332	-0.149618	-0.124426	-0.179324	-0.13457	-0.161272
0.0422452	0.0141219	-0.016957	-0.0807	-0.094761	-0.127173	-0.116659	-0.1474	-0.170048	-0.139977
0.2046364	0.1293442	0.0415837	-0.063691	-0.129025	-0.134394	-0.106873	-0.157371	-0.174906	-0.125817
0.3052823	0.2109825	0.0628717	-0.01587	-0.087632	-0.130596	-0.11734	-0.140154	-0.160744	-0.170398
0.3819886	0.2951282	0.1438811	0.0349392	-0.012127	-0.088406	-0.088143	-0.146529	-0.13883	-0.162124
0.4048517	0.3491088	0.2799957	0.1751141	0.0894447	0.003566	-0.05735	-0.107748	-0.128238	-0.175471

Supporting information

0.4295884	0.4268541	0.3746049	0.3093224	0.2044879	0.1005224	0.0068993	-0.050268	-0.102934	-0.124341
0.3989659	0.4286928	0.4080499	0.4028367	0.312301	0.2151625	0.1267098	0.0432663	-0.06667	-0.070874
0.3205904	0.3830253	0.409429	0.4422879	0.4200101	0.3404267	0.2359102	0.1226835	0.0071114	-0.040722
0.2399561	0.337006	0.4032573	0.4199431	0.4113311	0.3975498	0.3311025	0.2289755	0.1369137	0.0378936
0.151468	0.2918887	0.4046212	0.4143241	0.4172188	0.4228765	0.4126266	0.3334169	0.2709009	0.1326492
0.1654902	0.2419764	0.3261996	0.3492514	0.4024712	0.4141508	0.41913	0.3636978	0.3439572	0.2379682
0.1673989	0.2057311	0.3025284	0.2983625	0.3518642	0.3930176	0.3820315	0.3969259	0.4110602	0.3279271
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Supporting information

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Supporting information

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-0.050314	-0.062198	-0.063195	-0.072467	-0.016752	-0.053795	-0.030947	0.005148	-0.067921	-0.02164
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-0.024921	-0.046891	-0.025755	-0.09572	-0.055966	-0.003545	-0.039291	-0.009318	-0.064358	-0.01991
-0.052052	-0.042891	-0.005982	-0.078494	-0.020974	0.0023889	-0.045166	-0.044246	-0.060934	-0.006154
-0.061769	-0.072488	-0.006535	-0.031472	-0.01339	-0.042489	-0.072844	-0.056926	-0.082805	-0.02178
-0.039358	-0.091168	-0.020573	-0.044069	-0.0296	-0.072445	-0.030903	-0.019331	-0.071905	-0.03569
-0.015323	-0.044358	-0.023194	-0.096943	-0.043424	-0.055405	-0.037941	-0.025502	-0.062649	-0.015625
0.0083613	0.0235943	0.0031455	-0.089778	-0.031028	-0.042786	-0.033114	-0.001858	-0.030591	-0.00741
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-0.07072	-0.013816	-0.037141	-0.001222	0.0570549	-0.052927	-0.013947	-0.065703	-0.061227	-0.092763
-0.062454	-0.014416	0.0084487	0.0148998	0.04608	-0.053878	-0.011682	-0.049689	-0.011566	-0.057884
-0.054029	-0.014139	-0.023283	-0.027581	0.0143913	-0.058687	-0.010196	-0.048098	-0.021366	-0.06995
-0.039358	-0.002207	-0.020216	-0.076753	-0.032193	-0.050767	-0.074492	-0.09008	-0.040811	-0.052484
-0.033839	-0.004808	-0.058157	-0.021591	-0.021681	-0.026413	-0.062372	-0.116302	-0.050667	-0.005525
-0.017474	-0.032486	-0.071041	-0.018454	-0.007956	-0.011409	-0.061629	-0.134371	-0.064067	-0.032288

Supporting information

-0.045437	-0.036888	-0.083014	-0.029661	-0.028471	-0.042065	-0.030237	-0.054471	-0.033414	-0.110767
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-0.06011	-0.02786	-0.076521	-0.040501	-0.01849	-7.98E-04	-0.038071	-0.049689	0.0015969	-0.038123
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0.0301069	-0.045647	-0.018026	-0.00476	-0.002499	0.0294159	-0.042455	-0.024775	0.0032949	0.0044688
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0.0492291	0.0021799	-0.030616	0.0293595	-0.048559	-0.04321	-0.039552	-0.006719	-0.040591	-0.032607
0.0127967	-0.063065	-0.043613	-0.019208	-0.038864	-0.040235	-0.107758	-0.004819	0.0122334	-0.004798
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0.050064	4.10E-04	0.0431466	0.0073992	-0.014109	0.0202024	-0.020537	-0.020434	-0.054556	-0.023038
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0.0313558	0.0680889	0.0317388	-0.016588	0.0383058	0.0575422	0.0240473	0.0081294	-0.093205	-0.027388
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-0.005508	0.006563	-0.006811	0.0031373	0.0197495	-0.021454	0.0165635	-0.03913	-0.008643	-0.071409
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Supporting information

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-0.070561	-0.042632	-0.101265	-0.048271	-0.099008	-0.064533	-0.078007	-0.103598	-0.069363	-0.132704
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Supporting information

-0.075009	-0.031201	-0.023327	-0.012606	-0.045936	-0.075679	-0.095666	-0.102725	-0.085745	-0.125416
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Supporting information

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Supporting information

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-0.024569	-0.076465	-0.056273	-0.072506	-0.051	-0.045702	-0.072844	-0.038998	-0.043132	-0.0392
-0.063421	-0.080802	-0.034128	-0.08974	-0.059946	-0.062998	-0.055219	-0.074428	-0.049248	-0.043792
-0.078597	-0.108447	-0.072427	-0.113359	-0.109629	-0.049892	-0.041114	-0.075198	-0.087721	-0.051875
-0.053371	-0.0975	-0.046267	-0.06548	-0.078	-0.027117	-0.058976	-0.069124	-0.068127	-0.036728
-0.050521	-0.073295	-0.025359	-0.034089	-0.076135	-0.021098	-0.042541	-0.043114	-0.025889	-0.028217
-0.105297	-0.079811	-0.034646	-0.022295	-0.033656	-0.041129	-0.042584	-0.062547	-0.064691	-0.050873
-0.091191	-0.073939	-0.028914	-0.058136	-0.01635	-0.059544	-0.066885	-0.083379	-0.086536	-0.070367
-0.07497	-0.14987	-0.082357	-0.101765	-0.061116	-0.052512	-0.047093	-0.103408	-0.117023	-0.089742
-0.074696	-0.091555	-0.075187	-0.078456	-0.052648	-0.038483	-0.091636	-0.085677	-0.090393	-0.040185
-0.063863	-0.089464	-0.060073	-0.031902	-0.037419	-0.068786	-0.120823	-0.065579	-0.047911	-0.053006
-0.06322	-0.096509	-0.037741	-0.046279	-0.038355	-0.077718	-0.061463	-0.05345	-0.037239	-0.050218
-0.06842	-0.110633	-0.055245	-0.067623	-0.029426	-0.058973	-0.020128	-0.041104	-0.039227	-0.080835
-0.048111	-0.047062	-0.029264	-0.052186	-0.078891	-0.045575	-0.028011	-0.046889	-0.065148	-0.071159
-0.048861	-0.059587	-0.037955	-0.027842	-0.031114	0.0057893	-0.05164	-0.031318	-0.114251	-0.087943

Supporting information

-0.0798	-0.113213	-0.041707	-0.025187	-0.014603	0.0251812	-0.048288	-0.008941	-0.050108	-0.047896
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-0.074069	-0.11446	-0.064163	-0.081189	-0.090312	-0.117858	-0.13263	-0.040842	-0.077268	-0.033924
-0.100116	-0.08627	-0.068375	-0.09427	-0.088763	-0.055487	-0.085658	-0.044028	-0.093244	-0.099953
-0.069968	-0.054275	-0.092406	-0.0679	-0.057757	-0.039466	-0.079516	-0.064502	-0.053406	-0.08404
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0.0085511	-0.060044	-0.074361	-0.05509	-0.104296	-0.027776	-0.088502	-0.056335	-0.079202	-0.059084
-0.062737	-0.069167	-0.060154	-0.047442	-0.089028	-0.068227	-0.093982	-0.034886	-0.057313	-0.055689
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-0.079839	-0.065819	-0.099708	-0.063685	-0.08565	-0.057541	-0.082716	-0.093625	-0.056721	-0.052615
-0.069809	-0.087792	-0.08785	-0.044069	-0.112325	-0.098457	-0.113809	-0.084529	-0.04335	-0.010006
-0.054563	-0.087714	-0.101524	-0.037498	-0.060834	-0.05135	-0.130167	-0.104772	-0.112579	-0.054176
-0.14245	-0.087208	-0.11183	-0.091018	-0.125385	-0.120631	-0.099621	-0.078826	-0.104917	-0.079571
-0.133199	-0.049877	-0.064888	-0.107438	-0.159576	-0.121163	-0.082204	-0.100057	-0.122042	-0.115643
-0.075675	-0.065122	-0.085323	-0.059671	-0.086716	-0.081186	-0.089588	-0.117443	-0.08392	-0.09541
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-0.12287	-0.1103	-0.151297	-0.103445	-0.119398	-0.088422	-0.110314	-0.132211	-0.07264	-0.090659
-0.147351	-0.095782	-0.094064	-0.062845	-0.12056	-0.110883	-0.122478	-0.151718	-0.084278	-0.112285
-0.10174	-0.091168	-0.038554	-0.085087	-0.082591	-0.099277	-0.05181	-0.080269	-0.12237	-0.121948
-0.039103	-0.058713	-0.071794	-0.105228	-0.066884	-0.029047	-0.032231	-0.084925	-0.147953	-0.089981
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-0.122835	-0.106996	-0.096877	-0.072114	-0.066287	-0.065419	-0.045424	-0.106018	-0.046309	-0.052267
-0.118392	-0.121366	-0.07215	-0.098089	-0.106517	-0.117644	-0.044092	-0.080149	-0.039227	-0.051135
-0.057345	-0.064876	-0.065451	-0.098163	-0.100409	-0.105853	-0.068962	-0.073007	-0.083641	-0.059298
-0.050438	-0.062653	-0.090058	-0.10852	-0.092793	-0.0767	-0.083895	-0.064585	-0.115177	-0.06041
-0.099043	-0.114643	-0.098816	-0.122632	-0.098009	-0.098532	-0.101924	-0.123352	-0.101723	-0.070117
-0.118392	-0.177727	-0.158006	-0.160462	-0.114648	-0.148428	-0.134939	-0.138659	-0.149118	-0.07427
-0.121324	-0.171539	-0.126146	-0.120639	-0.130742	-0.168437	-0.159002	-0.108349	-0.104842	-0.067437
-0.098784	-0.098793	-0.067216	-0.093263	-0.108546	-0.113665	-0.135985	-0.077942	-0.105107	-0.099797
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-0.077742	-0.083013	-0.058688	-0.095757	-0.118339	-0.120879	-0.155122	-0.106018	-0.116913	-0.098744
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-0.118711	-0.142857	-0.082705	-0.100959	-0.091065	-0.103905	-0.15161	-0.14807	-0.097697	-0.119869
-0.088808	-0.133	-0.068774	-0.102898	-0.07336	-0.068746	-0.136472	-0.105452	-0.093555	-0.138626
-0.065387	-0.100953	-0.117891	-0.118425	-0.118056	-0.084241	-0.125841	-0.094129	-0.095108	-0.122466
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-0.106646	-0.100499	-0.103149	-0.107763	-0.121684	-0.08262	-0.059558	-0.072274	-0.093944	-0.101897
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-0.059786	-0.136287	-0.105134	-0.055823	-0.098934	-0.095351	-0.117094	-0.113272	-0.096655	-0.106528
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-0.109947	-0.097767	-0.116143	-0.09274	-0.152218	-0.083393	-0.097344	-0.073088	-0.059548	-0.105452
-0.115441	-0.113066	-0.106379	-0.07915	-0.132798	-0.07185	-0.112929	-0.095445	-0.09441	-0.141716
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-0.104822	-0.082343	-0.095491	-0.076714	-0.06445	-0.086356	-0.10586	-0.108799	-0.058242	-0.062835
-0.123045	-0.083328	-0.079682	-0.107474	-0.119469	-0.110992	-0.063196	-0.062464	-0.047305	-0.061773
-0.091493	-0.142445	-0.092028	-0.082148	-0.115254	-0.085396	-0.043231	-0.037984	-0.059968	-0.086458

Supporting information

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-0.056651	-0.104304	-0.118994	-0.09053	-0.072379	-0.043887	-0.100339	-0.11575	-0.085706	-0.09026
-0.086793	-0.069776	-0.072111	-0.088119	-0.076329	-0.076818	-0.071554	-0.078224	-0.06821	-0.055344
-0.104676	-0.06323	-0.082164	-0.077683	-0.11632	-0.069185	-0.058519	-0.054386	-0.104007	-0.135872
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-0.142316	-0.150713	-0.14294	-0.096462	-0.151793	-0.119247	-0.153286	-0.151106	-0.093594	-0.146573
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-0.119348	-0.165881	-0.16037	-0.101911	-0.099155	-0.078968	-0.13052	-0.094362	-0.101265	-0.131111
-0.147517	-0.236439	-0.127716	-0.04947	-0.096822	-0.097262	-0.10369	-0.108687	-0.050753	-0.108175
-0.107883	-0.129829	-0.151264	-0.075355	-0.112433	-0.096776	-0.109242	-0.120772	-0.055576	-0.071908
-0.131998	-0.143783	-0.131667	-0.113216	-0.149431	-0.099798	-0.093867	-0.102116	-0.09681	-0.122836
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-0.083387	-0.067047	-0.132529	-0.089024	-0.148245	-0.066424	-0.062702	-0.111153	-0.071987	-0.095764
-0.105407	-0.133175	-0.121014	-0.103482	-0.140791	-0.08289	-0.073327	-0.101964	-0.090706	-0.116356
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-0.092058	-0.098223	-0.114423	-0.08759	-0.109268	-0.112331	-0.110979	-0.117259	-0.076217	-0.075674
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-0.1031	-0.143303	-0.11557	-0.072819	-0.134946	-0.097785	-0.09662	-0.085795	-0.045484	-0.097021
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-0.148311	-0.103628	-0.08804	-0.123886	-0.082437	-0.116716	-0.096315	-0.114864	-0.115214	-0.092248
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-0.16832	-0.151084	-0.170931	-0.09598	-0.105754	-0.091502	-0.106195	-0.139707	-0.091645	-0.061007
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-0.152361	-0.129793	-0.169636	-0.106678	-0.081515	-0.109722	-0.066068	-0.044811	-0.039887	-0.026282
-0.145024	-0.123416	-0.148253	-0.123851	-0.147915	-0.128289	-0.073488	-0.069083	-0.035597	-0.072863
-0.174873	-0.13917	-0.145387	-0.155575	-0.176378	-0.162524	-0.092984	-0.129218	-0.081167	-0.102246
-0.154682	-0.119233	-0.169225	-0.165707	-0.182122	-0.165059	-0.092638	-0.126241	-0.153171	-0.111299
-0.194404	-0.1677	-0.189292	-0.153467	-0.115254	-0.147663	-0.13682	-0.138869	-0.155808	-0.089582
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-0.173813	-0.115192	-0.117784	-0.090079	-0.131085	-0.148627	-0.127974	-0.137328	-0.128944	-0.104064
-0.173376	-0.177442	-0.145086	-0.100298	-0.146526	-0.163649	-0.124806	-0.163074	-0.148261	-0.127103

Supporting information

-0.15877	-0.169446	-0.157779	-0.175268	-0.149233	-0.209625	-0.163568	-0.161716	-0.19469	-0.108786
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0.1802809	0.0924072	0.0554988	-7.14E-04	-0.001344	-0.054043	-0.10414	-0.089806	-0.109628	-0.099447
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Supporting information

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Supporting information

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Supporting information

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-0.083042	-0.013609	-0.040424	0.0031857	-0.059511	-0.010781	-0.007627	-0.035161	-0.045413	-0.072255
-0.054287	-0.03821	-0.054044	-9.36E-04	-0.040241	-0.049865	-0.100401	-0.057133	-0.061625	-0.038567
-0.037969	-0.056332	-0.078222	-0.038343	-0.016714	-0.001999	-0.064017	-0.087894	-0.101879	-0.029548
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-0.06736	-0.057421	-0.051874	-0.03075	-0.10208	-0.048939	-0.076919	-0.036814	-0.044034	-0.054805
-0.038291	-0.033822	-0.054383	0.0034747	-0.057398	-0.070754	-0.07926	-0.080706	-0.075973	-0.081419
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-0.026615	-0.034006	-0.035449	-0.008079	-0.053895	-0.106062	-0.151369	-0.141407	-0.124887	-0.081501
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-0.060044	-0.043183	-0.035847	-0.07104	-0.061697	-0.001811	0.0208285	-0.002849	-0.040276	-0.040097
-0.033491	-0.030595	-0.011833	-0.021796	-0.014106	0.0323226	0.0270588	0.0140746	0.0017269	-0.010495
-0.003173	-0.031566	0.0023301	-0.00483	-0.002667	-0.045215	-0.092154	-0.006599	-0.043499	-0.0478
-0.028966	-0.049873	0.0179715	0.0491628	0.0472581	-0.02343	-0.090352	-0.076043	-0.03721	-0.023942

Supporting information

-0.064301	-0.039345	-0.032516	-0.052083	-0.003656	-0.027875	-0.036825	-0.10058	-0.093454	-0.030513
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-0.072947	-0.013128	0.0205837	-0.013071	-0.036596	-0.070273	-0.063056	-0.032068	-0.070642	-0.050879
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-0.015536	-0.003976	-0.022731	-0.07359	-0.068835	-0.037584	-0.040495	-0.114517	-0.03721	-0.063362
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-0.037786	-0.017871	-0.012161	-0.038868	-0.071417	-0.098347	-0.037624	-0.009048	-0.080051	-0.083578
-0.018428	-0.04102	-0.031489	0.0035229	-0.095053	-0.098385	-0.062847	-0.105223	-0.065585	-0.104796
-0.013013	-0.04663	-0.087945	-0.04748	-0.068106	-0.082533	-0.042296	-0.121812	-0.066474	-0.073671
-0.002027	-0.009791	-0.057172	-0.055252	-0.084295	-0.038405	-0.043609	-0.137427	-0.088376	-0.020478
-0.002824	0.0079448	-0.037657	-0.023927	-0.064484	-0.094115	-0.050505	-0.086915	-0.046477	0.0123127
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-0.027039	-4.68E-04	-0.052599	-0.086862	-0.080412	-0.085216	-0.077323	-0.105575	-0.069804	-0.073338
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-0.071546	-0.029205	-0.031936	-0.008783	-0.09303	-0.063277	-0.081309	-0.076001	-0.076055	-0.133657
-0.03562	-0.055415	-0.080424	-0.064002	-0.089996	-0.050663	-0.100861	-0.11467	-0.108419	-0.096945
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-0.031351	-0.046139	-0.075727	-0.046493	-0.090997	-0.065959	-0.147842	-0.067118	-0.099063	-0.083294
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-0.056009	-0.012694	-0.094102	-0.084704	-0.055024	-0.029024	-0.032542	-0.077839	-0.069384	-0.105415
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-0.025718	-0.070152	-0.034784	-0.035357	-0.04514	-0.049107	-0.086092	-0.048165	-0.019711	-0.051492
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Supporting information

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-0.061221	-0.054628	-0.054298	-0.094543	-0.091189	-0.10473	-0.086686	-0.081368	-0.054248	-0.089512
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-0.123383	-0.105822	-0.117818	-0.134482	-0.082416	-0.120199	-0.122132	-0.183358	-0.143845	-0.116029
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-0.118336	-0.119044	-0.120339	-0.080594	-0.089032	-0.083896	-0.135884	-0.143132	-0.160478	-0.14308
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-0.107005	-0.105588	-0.099829	-0.086118	-0.101292	-0.0634	-0.07432	-0.072174	-0.08283	-0.124359
-0.07447	-0.131838	-0.079505	-0.092152	-0.090535	-0.041631	-0.141678	-0.092956	-0.116826	-0.087664

Supporting information

-0.109427	-0.122278	-0.087356	-0.089398	-0.071497	-0.043128	-0.12173	-0.087975	-0.10363	-0.050572
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Supporting information

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Supporting information

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Supporting information

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Supporting information

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Supporting information

[illegible]

Supporting information

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Supporting information

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Supporting information

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-0.11686	-0.160133	-0.060534	-0.083199	-0.063971	-0.127534	-0.06543	0.011005	0.0497949	0.0175703
-0.062073	-0.070047	-0.015728	-0.059822	-0.069028	-0.051034	-0.018589	0.0562164	0.0577952	0.01439
-0.051105	-0.050598	-0.040763	-0.067008	-0.073492	0.0215385	0.0766403	0.1310244	0.0633278	0.0410709

Supporting information

-0.08201	-0.07996	-0.088883	-0.036108	-0.01569	0.0137718	0.0566411	0.0554865	0.0153825	0.0195432
-0.114671	-0.122299	-0.085403	-0.06263	0.0052433	-0.038019	0.0591284	0.096458	0.0967732	0.0823996
-0.127822	-0.098358	-0.054131	-0.062186	-0.015971	-0.01707	0.0757755	0.1328304	0.1453039	0.0942964
-0.0502	-0.029738	-0.012823	-0.056139	-0.043353	-0.047463	0.037579	0.1312915	0.1129833	0.0903155
-0.062953	-0.033405	-0.04678	-0.024427	-0.018733	-0.010467	0.0927011	0.1964594	0.1338286	0.0986347
-0.092233	-0.049339	-0.044528	-0.017876	7.80E-04	0.010319	0.0855737	0.1456185	0.1762196	0.1391985
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-0.085802	-0.042903	-0.060882	-0.037334	0.028639	0.0417215	0.1787813	0.1622954	0.0654208	-0.017571
-0.116675	-0.065757	-0.083343	-0.037146	0.0387984	0.0631739	0.1368317	0.0672563	-0.033909	-0.095512
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-0.133379	-0.062143	-0.113495	-0.025348	-0.027827	0.0137718	0.0778787	0.0744626	-0.010623	0.0078382
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-0.022868	-0.013808	-0.064131	-0.001154	0.0116501	0.0211754	0.1284608	0.0850808	0.0433218	0.0255162
-0.057854	-0.041755	-0.055719	0.0254454	0.024445	0.0316721	0.048278	0.0639262	0.0869254	0.1030167
-0.114746	-0.096412	-0.061142	-0.005028	-0.030605	0.0258151	0.0228551	0.0778748	0.0757415	0.0663328
-0.136785	-0.087827	-0.069835	-0.020038	-0.031376	0.0353532	0.0301824	0.031693	0.0704031	0.0429845
-0.061905	-0.040337	-0.092376	-0.051605	-0.003783	0.0729361	0.0966976	0.0626697	0.1078122	0.1192492
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-0.04166	-0.092731	-0.060359	-0.054603	0.0178989	0.0317253	0.0367321	0.0178949	-0.013354	0.0636034
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-0.111873	-0.134185	-0.060969	-0.00957	0.0032758	-0.027485	-0.060813	-0.047018	-0.005604	0.046951
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0.0127857	-0.011064	0.001299	0.012417	0.0076162	-0.034612	-0.105273	-0.128165	-0.06809	-0.050398
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-0.037549	-0.04149	0.0193873	0.0916367	-0.024663	-0.012583	-0.021213	8.95E-04	0.0416081	0.0255704
-0.035992	-0.037131	0.0091999	0.0523314	-0.020455	-0.036069	-0.001936	-0.007967	0.0385295	0.0161893
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Supporting information

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0.0336798	0.063022	0.0149624	-0.161515	-0.114435	-0.036932	-0.074343	-0.031917	-0.001377	0.0171449
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0.0508127	0.0436995	-0.036046	-0.019204	-0.00141	-0.018918	-0.070703	-0.024282	0.0809047	0.1240493
0.0237972	0.0213985	-0.007249	-0.04374	-0.01324	-0.038562	-0.043907	0.0026303	0.0440424	0.1181748
0.0231837	0.0271653	-0.037149	-0.106467	-0.037272	-0.032005	-0.04311	0.0137478	-0.023729	0.05878
0.059334	0.0183912	-0.08264	-0.103079	-0.034266	-0.015643	-0.015799	-0.007531	-0.023302	0.0206134
0.0161906	0.0530057	-0.023192	-0.040946	-0.024893	-0.058047	-0.053177	-0.018786	0.0555676	0.1141028
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0.0661043	0.0300254	-0.005869	-0.054467	-0.053117	-0.020711	0.0101499	0.0670834	0.0485037	0.0971625
0.0770687	0.0167688	-0.010289	-0.043183	-0.048872	-0.03173	-0.020769	0.0444647	0.0762192	0.1154337
0.0372532	0.0165158	-0.014617	-0.042438	-0.038566	-0.051561	-0.031746	-0.024049	0.0387487	0.115567
0.060947	0.0224227	-0.025275	-0.055913	-0.007198	-0.015214	-0.021312	-6.85E-04	0.0274421	0.0807351
0.0435783	0.0278915	-0.057739	-0.078297	-0.005325	0.0343364	0.0439552	0.0631262	0.0661208	0.1231664
0.0309149	0.0207341	-0.005227	-0.033407	-0.018406	0.0258151	0.0221455	0.0531369	0.0553397	0.0908819
0.0518483	0.0505373	0.035701	0.0044619	0.0065765	-0.013685	-0.015149	0.0650143	0.1342382	0.2181911
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0.1009019	0.0582633	-0.029269	-0.043508	-0.007293	0.0085525	0.0545205	0.1032925	0.0773559	0.2350644

Supporting information

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0.048478	0.0124884	0.0213276	0.0322474	0.0310389	-6.67E-04	0.0743585	0.0859223	0.1283375	0.3137648
0.0740143	0.0380292	3.96E-04	-0.024233	0.0091059	0.0460379	0.1091788	0.0909452	0.1031467	0.2784155
0.0756829	0.0346939	0.050454	0.0095741	0.0415768	0.0774577	0.0928295	0.1051123	0.1375284	0.2268903
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0.109603	0.0633599	0.0345617	0.008683	0.0802327	0.048295	0.0752821	0.1527877	0.2533022	0.5185967
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0.0402713	-0.019851	0.0110438	0.025119	0.0448589	0.0630026	0.0554028	0.0886989	0.1545071	0.5937027
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0.0890893	0.0918814	0.1604565	0.1704459	0.1100612	0.1504353	0.279588	0.4006359	0.8074021	0.0135174
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0.0404839	0.0256131	0.0265091	0.1104858	0.1339916	0.1997044	0.2324184	0.3693758	1.3661618	0.0033793
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0.076433	0.1083739	0.1316055	0.1360485	0.1679079	0.2506004	0.4653751	0.2211927	9.58E-05	0
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0.039263	-0.005186	0.0670085	0.1479353	0.1997331	0.341978	0.4851921	1.8104244	2.40E-05	0
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0.0544207	0.0135923	0.0305167	0.131439	0.1890642	0.3490911	0.4711645	0.0036619	0	0
0.0386273	0.0232951	0.022222	0.0868457	0.1602326	0.3467802	0.6827432	0.0018309	0	0
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0.0235926	0.0602165	0.1130378	0.2015541	0.3556547	1.3186133	9.46E-07	0	0	0
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-0.170333	-0.086097	-0.095488	-0.122667	-0.063194	-0.061408	-0.026528	0.0205593	0.0651603	0.0444223
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-0.113246	-0.122832	-0.124692	-0.078136	-0.109092	-0.058541	-0.035466	-0.004824	0.0271841	-0.05138

Supporting information

-0.099156	-0.110074	-0.179193	-0.110527	-0.098227	-0.053118	-0.035934	-0.001206	0.043279	0.0301614
-0.122734	-0.122718	-0.13419	-0.097956	-0.093475	-0.061363	0.0124369	0.0308861	0.0473684	0.0496477
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-0.04492	-0.044385	-0.088341	-0.071236	-0.009172	0.0332071	0.094581	0.1087812	0.1342101	0.2570888
-0.046236	-0.04066	-0.052775	0.0240692	0.0462969	0.0910472	0.1688455	0.1291781	0.1858363	0.3157348
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-0.058522	-0.104479	-0.034996	0.0036821	0.0586335	0.2047295	0.1617118	0.1758144	0.2631299	0.4696991
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-0.100518	-0.061414	-0.05086	0.0281228	0.1642989	0.2192887	0.1541136	0.1422678	0.3030092	0.7912855
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-0.064254	-0.010046	-0.051261	-0.012589	0.0860893	0.104996	0.1309853	0.1800483	0.3933039	1.8327419
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Supporting information

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0.0797885	0.087386	0.0726879	0.2795406	0.23854	0.147616	0.1407771	0.4097283	1.4377536	9.61E-05
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0.0213894	0.039687	0.1941476	0.2311837	0.1114185	0.0765965	0.1878357	0.4625513	1.6065801	2.40E-05
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0.0646117	0.1294877	0.2499185	0.2789597	0.1298988	0.1144824	0.362344	1.2968467	1.23E-04	0
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0.0178563	0.1856864	0.1634037	0.1690286	0.2446888	0.5026858	0.0045594	0	0	0
0.0163882	0.2202094	0.1685515	0.1206716	0.1758624	0.4973972	0.0022797	0	0	0
0.105553	0.2256498	0.0805298	0.0706471	0.1319708	0.5105721	0.0011399	0	0	0
0.0877965	0.1237881	0.111138	0.1366877	0.2770042	0.5473023	5.70E-04	0	0	0
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Supporting information

0.128245	0.2085561	0.1906308	0.1785207	0.31613	0.7909617	1.42E-04	0	0	0
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0.0897753	0.1853025	0.1836049	0.2059312	0.3883619	0.7035087	1.78E-05	0	0	0
0.1048466	0.2166475	0.2377774	0.2452771	0.3821595	0.9171035	8.91E-06	0	0	0
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0.1607882	0.0808198	0.1034118	0.1602545	0.4788823	0.0207823	0	0	0	0
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0.0994264	0.0719208	0.1874512	0.4329416	2.337497	4.06E-05	0	0	0	0
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0.1022875	0.0432695	0.1586777	0.3946806	1.9796714	2.54E-06	0	0	0	0
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-0.021338	0.1093744	0.2822292	0.6078703	0.1302117	0	0	0	0	0
0.0312971	0.1323998	0.2766902	0.557656	0.0651059	0	0	0	0	0
0.0721636	0.1267962	0.2947091	0.6174666	0.0325529	0	0	0	0	0
-0.007343	0.1111178	0.3721404	0.9822546	0.0162765	0	0	0	0	0
-0.077694	0.0415572	0.298185	1.0089537	0.0081382	0	0	0	0	0
-0.005804	0.100824	0.2112731	0.6943388	0.0040691	0	0	0	0	0
-0.005655	0.1077021	0.2845421	0.9103718	0.0020346	0	0	0	0	0
-0.012222	0.0238425	0.3146458	2.3090911	0.0010173	0	0	0	0	0
0.0146122	0.0349921	0.2241969	1.1494285	5.09E-04	0	0	0	0	0
0.0268777	0.1372512	0.2376906	0.7995175	2.54E-04	0	0	0	0	0
0.0214424	0.1575778	0.3284286	1.0446746	1.27E-04	0	0	0	0	0

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0.054095	0.1014563	0.4322716	1.3548946	6.36E-05	0	0	0	0	0
0.1394954	0.1549933	0.4445269	1.7086934	3.18E-05	0	0	0	0	0
0.1284482	0.1897771	0.422737	1.3785754	1.59E-05	0	0	0	0	0
0.126016	0.1819384	0.4013557	1.2581874	7.95E-06	0	0	0	0	0
0.1457955	0.2122153	0.4190337	2.2078061	3.97E-06	0	0	0	0	0
0.1310304	0.1457162	0.3707241	1.7113036	1.99E-06	0	0	0	0	0
0.1262182	0.1987879	0.4413265	2.4011543	9.93E-07	0	0	0	0	0
0.0873648	0.21996	0.5165157	0.2206632	4.97E-07	0	0	0	0	0
0.0757492	0.1968131	0.4601678	0.1103316	0	0	0	0	0	0
0.0327622	0.1674091	0.3385953	0.0551658	0	0	0	0	0	0
0.0371872	0.1887702	0.519493	0.0275829	0	0	0	0	0	0
0.0622784	0.2443224	0.6830177	0.0137915	0	0	0	0	0	0
0.1202603	0.3086487	0.7056043	0.0068957	0	0	0	0	0	0
0.1290584	0.2685497	0.653339	0.0034479	0	0	0	0	0	0
0.177605	0.2675282	0.789054	0.0017239	0	0	0	0	0	0
0.1438958	0.2897931	0.8304887	8.62E-04	0	0	0	0	0	0
0.1011408	0.3118211	0.690827	4.31E-04	0	0	0	0	0	0
0.1706805	0.3158454	0.596666	2.15E-04	0	0	0	0	0	0
0.1757124	0.3085468	0.7076473	1.08E-04	0	0	0	0	0	0
0.1287871	0.2669721	0.8254235	5.39E-05	0	0	0	0	0	0
0.0212306	0.1877655	0.7609605	2.69E-05	0	0	0	0	0	0
0.0802127	0.1884608	0.634984	1.35E-05	0	0	0	0	0	0
0.0955779	0.2382975	0.615506	6.73E-06	0	0	0	0	0	0
0.0805767	0.2764302	0.8658558	3.37E-06	0	0	0	0	0	0
0.043604	0.1973651	0.8298099	1.68E-06	0	0	0	0	0	0
0.1207925	0.2531154	0.652211	0.3217569	0	0	0	0	0	0
0.1246707	0.2884285	0.6435121	1.9404037	0	0	0	0	0	0
0.1407481	0.2634662	0.6810871	0.29064	0	0	0	0	0	0
0.0600154	0.1323998	0.58128	0.14532	0	0	0	0	0	0
0.0810624	0.1328077	0.4411879	0.07266	0	0	0	0	0	0
0.1105954	0.2612665	0.6194577	0.03633	0	0	0	0	0	0
0.094073	0.2561767	0.6715608	0.018165	0	0	0	0	0	0
0.0882903	0.1474011	0.5290581	0.0090825	0	0	0	0	0	0
0.1083902	0.1866862	0.5304176	0.0045412	0	0	0	0	0	0
0.1042054	0.2685497	0.5858968	0.0022706	0	0	0	0	0	0
0.0926981	0.2453788	0.7243465	0.0011353	0	0	0	0	0	0
0.0546091	0.142853	0.6397741	5.68E-04	0	0	0	0	0	0
0.059784	0.1585149	0.5531274	2.84E-04	0	0	0	0	0	0
0.0799097	0.199739	0.5549245	1.42E-04	0	0	0	0	0	0
0.0286508	0.1716278	0.4695342	7.10E-05	0	0	0	0	0	0
0.0785788	0.1620653	0.548312	3.55E-05	0	0	0	0	0	0
0.1180057	0.1853792	0.6207131	1.77E-05	0	0	0	0	0	0
0.0693162	0.2279299	0.7506648	8.87E-06	0	0	0	0	0	0
0.0532964	0.1452261	0.6435121	4.43E-06	0	0	0	0	0	0
0.1184689	0.1582263	0.5098093	2.22E-06	0	0	0	0	0	0
0.1330114	0.2629153	0.6617782	1.11E-06	0	0	0	0	0	0
0.0750896	0.2493632	0.8414959	5.54E-07	0	0	0	0	0	0
0.0623365	0.1677775	0.649292	2.77E-07	0	0	0	0	0	0
0.0885993	0.2173906	0.5033647	1.39E-07	0	0	0	0	0	0

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0.1177412	0.2229629	0.6330395	6.93E-08	0	0	0	0	0	0
0.0894036	0.146207	0.503045	3.46E-08	0	0	0	0	0	0
0.070441	0.2005332	0.5163509	1.73E-08	0	0	0	0	0	0
0.0307557	0.1946903	0.6470599	8.66E-09	0	0	0	0	0	0
0.0737734	0.1083445	0.4121092	0.1288755	0	0	0	0	0	0
0.0501169	0.0655244	0.2577509	2.0993559	0	0	0	0	0	0
0.0180664	0.1086661	0.4242006	1.7822484	0	0	0	0	0	0
0.0635018	0.216565	0.4544148	2.1761382	0	0	0	0	0	0
0.0542092	0.2377775	0.5209894	0.2272074	0	0	0	0	0	0
0.0538667	0.1885381	0.7520803	0.1136037	0	0	0	0	0	0
0.0863798	0.177996	0.7744814	0.0568019	0	0	0	0	0	0
0.0779149	0.260627	0.8725394	0.0284009	0	0	0	0	0	0
0.1304855	0.2836856	0.9703259	0.0142005	0	0	0	0	0	0
0.0767104	0.1789783	0.8009477	0.0071002	0	0	0	0	0	0
0.0898993	0.1869173	0.7606711	0.0035501	0	0	0	0	0	0
0.1242008	0.2551839	0.9191026	0.0017751	0	0	0	0	0	0
0.1377614	0.2387313	0.6765361	8.88E-04	0	0	0	0	0	0
0.0468483	0.2245563	0.4613276	4.44E-04	0	0	0	0	0	0
0.090706	0.2507888	0.5666054	2.22E-04	0	0	0	0	0	0
0.1373463	0.3329726	1.1500316	1.11E-04	0	0	0	0	0	0
0.141027	0.3219	1.1971586	5.55E-05	0	0	0	0	0	0
0.0792437	0.2546434	0.9555814	2.77E-05	0	0	0	0	0	0
0.1270953	0.2777577	0.9764619	1.39E-05	0	0	0	0	0	0
0.1234634	0.25204	1.0676298	6.93E-06	0	0	0	0	0	0
0.0964581	0.2790892	1.2748191	3.47E-06	0	0	0	0	0	0
0.0622202	0.3403681	1.1185888	1.73E-06	0	0	0	0	0	0
0.1648213	0.2895003	1.454878	8.67E-07	0	0	0	0	0	0
0.1767712	0.3869873	0.1447502	4.33E-07	0	0	0	0	0	0
0.1572989	0.5143606	0.0723751	0	0	0	0	0	0	0
0.1317808	0.517318	0.0361875	0	0	0	0	0	0	0
0.165411	0.4575032	0.0180938	0	0	0	0	0	0	0
0.2530664	0.5076987	0.0090469	0	0	0	0	0	0	0
0.2736775	0.743934	0.0045234	0	0	0	0	0	0	0
0.2279029	0.7225247	0.0022617	0	0	0	0	0	0	0
0.2600732	0.7351344	0.0011309	0	0	0	0	0	0	0
0.2989122	0.6646769	5.65E-04	0	0	0	0	0	0	0
0.2987116	0.8249325	2.83E-04	0	0	0	0	0	0	0
0.2408726	1.0750511	1.41E-04	0	0	0	0	0	0	0
0.2203868	0.836466	7.07E-05	0	0	0	0	0	0	0
0.3474742	0.9305184	3.53E-05	0	0	0	0	0	0	0
0.3417901	1.1195296	1.77E-05	0	0	0	0	0	0	0
0.3983575	1.527452	8.83E-06	0	0	0	0	0	0	0
0.3385908	0.9271167	4.42E-06	0	0	0	0	0	0	0
0.3200854	0.7661613	2.21E-06	0	0	0	0	0	0	0
0.3994942	1.128191	1.10E-06	0	0	0	0	0	0	0
0.3892462	0.3943702	5.52E-07	0	0	0	0	0	0	0
0.4552841	2.6510878	2.76E-07	0	0	0	0	0	0	0
0.6211997	0.227642	1.38E-07	0	0	0	0	0	0	0
0.6325129	0.113821	0	0	0	0	0	0	0	0

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0.0400445	0.085813	0.080033	0.3254439	0	0	0	0	0	0
-0.018202	0.0787096	0.1288608	0.1790706	0.0895353	0	0	0	0	0
-0.090787	0.019632	0.0693074	0.3077972	2.0323842	0	0	0	0	0
-0.095102	0.0073438	0.0884174	0.3434945	1.4083241	0	0	0	0	0
-0.051673	0.0457696	0.1005013	0.2156941	1.6080015	0	0	0	0	0
-0.051992	0.0091087	0.1369411	0.2683132	2.7504187	0	0	0	0	0
-0.095102	0.0121203	0.1072494	0.319879	2.5400283	0	0	0	0	0
-0.047409	-0.010076	0.0871818	0.3952244	0.1599395	0	0	0	0	0
-0.084909	-0.021113	0.1198067	0.5182896	0.0799697	0	0	0	0	0
-0.049064	0.0061711	0.0471367	0.4265006	0.0399849	0	0	0	0	0
-0.045469	0.0482843	0.0885476	0.6454781	0.0199924	0	0	0	0	0
-0.051034	-0.023257	0.1573667	0.8730736	0.0099962	0	0	0	0	0
-0.082238	0.003359	0.3173163	1.2291096	0.0049981	0	0	0	0	0
-0.055625	-0.008638	0.2950615	1.1296874	0.0024991	0	0	0	0	0
-0.019579	-0.047771	0.2379865	1.7805414	0.0012495	0	0	0	0	0
-0.031978	-0.061378	0.1778394	1.1707529	6.25E-04	0	0	0	0	0
-0.066784	0.0086267	0.2068726	0.6962957	3.12E-04	0	0	0	0	0
-0.019432	0.1186092	0.1999141	0.649165	1.56E-04	0	0	0	0	0
-0.016622	0.1102089	0.1880397	0.6447902	7.81E-05	0	0	0	0	0
-0.015334	0.1076461	0.193314	0.5236296	3.90E-05	0	0	0	0	0
-0.007726	0.0363673	0.1299343	0.3740823	1.95E-05	0	0	0	0	0
2.22E-04	0.1356266	0.1754457	0.3254439	9.76E-06	0	0	0	0	0
-0.047731	0.0297979	0.1185485	0.3519329	4.88E-06	0	0	0	0	0
0.0467463	0.0246574	0.0436569	0.3325297	2.44E-06	0	0	0	0	0
-0.001574	-0.021662	0.0397387	0.2621945	1.22E-06	0	0	0	0	0
0.0122128	0.0581311	0.1131378	0.3820156	0.126263	0	0	0	0	0
0.1396268	-0.022809	0.1151416	0.2525247	1.2862818	0	0	0	0	0
0.0948125	0.0186996	0.1495754	0.300478	1.0464013	0	0	0	0	0
8.40E-04	0.0593929	0.244934	0.5325603	0.150239	0	0	0	0	0
-0.028911	0.0505188	0.2300642	0.7485885	0.0751195	0	0	0	0	0
0.0815899	0.1319133	0.1448777	0.4804394	0.1933115	0	0	0	0	0
0.0160889	0.0822468	0.1557668	0.3115035	1.4575247	0	0	0	0	0
0.0277646	0.0543677	0.1436188	0.3795208	2.0440531	0	0	0	0	0
0.0384694	0.0622907	0.1617393	0.501004	0.1897604	0	0	0	0	0
0.0607046	0.0814864	0.0829813	0.4759125	0.0948802	0	0	0	0	0
0.0420782	0.1274566	0.2643159	0.5395159	0.0474401	0	0	0	0	0
0.0247073	0.0674089	0.3260071	0.8278466	0.0237201	0	0	0	0	0
0.1171801	0.1593558	0.4725216	2.5669122	0.01186	0	0	0	0	0
0.1251965	0.1141497	0.4198633	2.1117852	0.00593	0	0	0	0	0
0.1003459	0.143734	0.4186079	1.7303224	0.002965	0	0	0	0	0
0.0681562	0.1637713	0.4111507	0.4100581	0.0014825	0	0	0	0	0
0.0762277	0.2277978	0.4089655	1.8944722	7.41E-04	0	0	0	0	0
0.1101029	0.1733646	0.3654468	0.1827234	3.71E-04	0	0	0	0	0
0.0554759	0.1990645	0.5429009	0.0913617	0	0	0	0	0	0
0.0465174	0.1409663	0.6401856	0.0456809	0	0	0	0	0	0
0.068036	0.1782419	0.6564964	0.0228404	0	0	0	0	0	0
0.1126934	0.1812586	0.7086462	0.0114202	0	0	0	0	0	0
0.1427569	0.2375722	0.7632784	0.0057101	0	0	0	0	0	0
0.1354647	0.3243143	1.1236542	0.0028551	0	0	0	0	0	0

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0.1545532	0.3974742	2.0437109	0.0014275	0	0	0	0	0	0
0.093472	0.3000864	0.1500432	7.14E-04	0	0	0	0	0	0
0.1451912	0.3620046	0.0750216	0	0	0	0	0	0	0
0.2525665	0.4908353	0.0375108	0	0	0	0	0	0	0
0.3814481	0.5958325	0.0187554	0	0	0	0	0	0	0
0.2376561	0.613572	0.0093777	0	0	0	0	0	0	0
0.2549634	0.8315209	0.0046888	0	0	0	0	0	0	0
0.4332827	1.0009414	0.0023444	0	0	0	0	0	0	0
0.4471613	1.126273	0.0011722	0	0	0	0	0	0	0
0.4613494	0.2235807	5.86E-04	0	0	0	0	0	0	0
0.7049543	0.1117903	0	0	0	0	0	0	0	0
0.8083001	0.0558952	0	0	0	0	0	0	0	0
0.7359997	0.0279476	0	0	0	0	0	0	0	0
0.8001144	0.0139738	0	0	0	0	0	0	0	0
0.9115428	0.0069869	0	0	0	0	0	0	0	0
0.8761336	0.0034934	0	0	0	0	0	0	0	0
0.7216864	0.0017467	0	0	0	0	0	0	0	0
0.6776903	8.73E-04	0	0	0	0	0	0	0	0
1.0931356	4.37E-04	0	0	0	0	0	0	0	0
1.0812006	2.18E-04	0	0	0	0	0	0	0	0
0.837699	1.09E-04	0	0	0	0	0	0	0	0
1.0547594	5.46E-05	0	0	0	0	0	0	0	0
0.1413486	2.73E-05	0	0	0	0	0	0	0	0
0.0706743	0	0	0	0	0	0	0	0	0
0.0353372	0	0	0	0	0	0	0	0	0
0.0176686	0	0	0	0	0	0	0	0	0
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0.0044171	0	0	0	0	0	0	0	0	0
0.0022086	0	0	0	0	0	0	0	0	0
0.0011043	0	0	0	0	0	0	0	0	0
5.52E-04	0	0	0	0	0	0	0	0	0
2.76E-04	0	0	0	0	0	0	0	0	0
1.38E-04	0	0	0	0	0	0	0	0	0
6.90E-05	0	0	0	0	0	0	0	0	0
3.45E-05	0	0	0	0	0	0	0	0	0
1.73E-05	0	0	0	0	0	0	0	0	0
8.63E-06	0	0	0	0	0	0	0	0	0
4.31E-06	0	0	0	0	0	0	0	0	0
2.16E-06	0	0	0	0	0	0	0	0	0
1.08E-06	0	0	0	0	0	0	0	0	0
5.39E-07	0	0	0	0	0	0	0	0	0
2.70E-07	0	0	0	0	0	0	0	0	0
1.35E-07	0	0	0	0	0	0	0	0	0
6.74E-08	0	0	0	0	0	0	0	0	0
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