

Supplementary Table 3 (S1): CFA model fit statistics for each SDoH domain and

Model	Index (CFI)	of Approximation	Square Residual	
SCC	0.98		0.06	0.02
NBD	1		0.046	0.01
ES	1		0.02	0.01
HCAU	0.98		0.03	0.02
SDOH	0.92		0.046	0.04

Supplementary Table 3 (S2): CFA model parameter estimates for ES. lhs = left-hand side (d

lhs	op	rhs	est	se	z	pvalue
ES	=~	home_own	0.19664844	0.00280245	70.1702576	0
ES	=~	housing_qualit	0.14407156	0.00223415	64.4860698	0
ES	=~	housing_instal	-0.1495301	0.00222858	-67.096495	0
ES	=~	food_insecurit	-0.1966417	0.00202455	-97.128708	0
ES	=~	per_poverty_tr	0.08880324	0.00113155	78.4793074	0
ES	~~	ES	1	0	NA	NA
home_own	~~	housing_instal	-0.0326257	7.68E-04	-42.501573	0
home_own	~~	per_poverty_tr	0.01307065	3.91E-04	33.3943194	0
home_own	~~	home_own	0.15802866	0.00126568	124.857199	0
housing_qualit	~~	housing_qualit	0.13366851	9.34E-04	143.128356	0
housing_instal	~~	housing_instal	0.13198158	9.21E-04	143.346643	0
food_insecurit	~~	food_insecurit	0.04912915	7.26E-04	67.62841	0
per_poverty_tr	~~	per_poverty_tr	0.02808659	2.25E-04	124.639608	0
home_own	~1		0.73097278	0.00190343	384.029595	0
housing_qualit	~1		0.80965595	0.00171479	472.159719	0
housing_instal	~1		0.19071479	0.0016812	113.43962	0
food_insecurit	~1		0.09733414	0.00126997	76.6427291	0
per_poverty_tr	~1		0.26554041	8.12E-04	327.166493	0
ES	~1		0	0	NA	NA

ependent variable); rhs = right-hand side (predictor v

ci.lower	ci.upper	std.lv	std.all
0.19115574	0.20214113	0.19664844	0.44339331
0.1396927	0.14845041	0.14407156	0.36662263
-0.153898	-0.1451621	-0.1495301	-0.3806169
-0.2006097	-0.1926736	-0.1966417	-0.6636445
0.08658544	0.09102103	0.08880324	0.46821232
1	1	1	1
-0.0341303	-0.0311212	-0.0326257	-0.22591
0.01230352	0.01383779	0.01307065	0.19619136
0.15554798	0.16050933	0.15802866	0.80340237
0.13183809	0.13549893	0.13366851	0.86558784
0.13017701	0.13378615	0.13198158	0.85513075
0.04770532	0.05055298	0.04912915	0.55957602
0.02764493	0.02852826	0.02808659	0.78077723
0.72724213	0.73470343	0.73097278	1.64816177
0.80629502	0.81301688	0.80965595	2.0603525
0.1874197	0.19400988	0.19071479	0.4854494
0.09484504	0.09982324	0.09733414	0.32849225
0.26394963	0.26713118	0.26554041	1.40005359
0	0	0	0

Supplementary Table 3 (S3): CFA model parameter estimates for HCAU. lhs = left-hand side

lhs	op	rhs	est	se	z	pvalue
HCAU	=~	health_literacy	0.07882068	0.00220705	35.7131737	0
HCAU	=~	health_discrim	-0.0641852	8.27E-04	-77.65584	0
HCAU	=~	health_covera	0.09487378	0.0015894	59.6915906	0
HCAU	=~	health_care_u	-0.0239454	8.68E-04	-27.601883	0
HCAU	=~	delayed_care	-0.2859895	0.00259805	-110.07865	0
HCAU	=~	afford_care	-0.2723381	0.00283901	-95.927289	0
HCAU	=~	worried_pay	-0.1884776	0.00188206	-100.14451	0
HCAU	=~	respect	0.06360929	9.90E-04	64.2303738	0
HCAU	~~	HCAU	1	0	NA	NA
health_discrim	~~	respect	-0.0056986	1.23E-04	-46.185511	0
health_care_u	~~	worried_pay	-0.0049402	2.00E-04	-24.733402	0
afford_care	~~	worried_pay	0.00954512	7.90E-04	12.0779879	0
health_literacy	~~	health_literacy	0.16625882	0.00102824	161.692739	0
health_discrim	~~	health_discrim	0.01980237	1.38E-04	143.22757	0
health_covera	~~	health_covera	0.08285758	5.34E-04	155.247893	0
health_care_u	~~	health_care_u	0.01944778	1.33E-04	146.525163	0
delayed_care	~~	delayed_care	0.13685931	0.00134245	101.9474	0
afford_care	~~	afford_care	0.15607179	0.00149643	104.296117	0
worried_pay	~~	worried_pay	0.06752913	6.69E-04	100.875262	0
respect	~~	respect	0.02878829	1.94E-04	148.231348	0
health_literacy	~1		0.77844636	0.00177804	437.812528	0
health_discrim	~1		0.1331567	6.65E-04	200.270154	0
health_covera	~1		0.89765177	0.00129719	691.998139	0
health_care_u	~1		0.30923768	6.68E-04	463.223155	0
delayed_care	~1		0.32077889	0.00210276	152.551539	0
afford_care	~1		0.35819309	0.00212761	168.355056	0
worried_pay	~1		0.24638491	0.00138439	177.973115	0
respect	~1		0.78715414	7.86E-04	1001.71949	0
HCAU	~1		0	0	NA	NA

α (dependent variable); rhs = right-hand side (predictor)

ci.lower	ci.upper	std.lv	std.all
0.07449495	0.08314641	0.07882068	0.18979356
-0.0658052	-0.0625653	-0.0641852	-0.4149879
0.09175861	0.09798895	0.09487378	0.31303021
-0.0256457	-0.022245	-0.0239454	-0.1692297
-0.2910816	-0.2808974	-0.2859895	-0.611612
-0.2779024	-0.2667738	-0.2723381	-0.5675684
-0.1921664	-0.1847889	-0.1884776	-0.5871237
0.06166828	0.06555031	0.06360929	0.35103939
1	1	1	1
-0.0059404	-0.0054567	-0.0056986	-0.2386701
-0.0053317	-0.0045488	-0.0049402	-0.1363223
0.00799618	0.01109406	0.00954512	0.0929766
0.16424351	0.16827414	0.16625882	0.9639784
0.01953139	0.02007336	0.01980237	0.82778508
0.08181153	0.08390364	0.08285758	0.90201209
0.01918764	0.01970791	0.01944778	0.9713613
0.13422816	0.13949047	0.13685931	0.62593073
0.15313885	0.15900474	0.15607179	0.67786617
0.06621706	0.06884119	0.06752913	0.65528577
0.02840764	0.02916893	0.02878829	0.87677135
0.77496148	0.78193125	0.77844636	1.87443331
0.13185355	0.13445985	0.1331567	0.86092078
0.89510933	0.90019421	0.89765177	2.96174688
0.30792925	0.31054611	0.30923768	2.18548503
0.31665756	0.32490022	0.32077889	0.68601205
0.35402306	0.36236312	0.35819309	0.74649511
0.24367154	0.24909827	0.24638491	0.76750976
0.785614	0.78869429	0.78715414	4.34405244
0	0	0	0

Supplementary Table 3 (S4): CFA model parameter estimates for NBD. lhs = left-hand side (l

lhs	op	rhs	est	se	z	pvalue
NBE	=~	Walkability	0.05354246	0.00138876	38.5540748	0
NBE	=~	crime_saftey	0.15564879	9.36E-04	166.3169	0
NBE	=~	npd_scale	0.14519529	7.35E-04	197.434679	0
NBE	=~	nsd_scale	0.15787381	6.77E-04	233.268447	0
NBE	~~	NBD	1	0	NA	NA
Walkability	~~	Walkability	0.08748467	5.39E-04	162.316342	0
crime_saftey	~~	crime_saftey	0.02595832	1.98E-04	130.867487	0
npd_scale	~~	npd_scale	0.01296522	1.23E-04	105.036781	0
nsd_scale	~~	nsd_scale	0.00521196	1.17E-04	44.7059598	0
Walkability	~1		0.59360176	0.00130233	455.798754	0
crime_saftey	~1		0.1462821	9.88E-04	148.060311	0
npd_scale	~1		0.191505	7.92E-04	241.941544	0
nsd_scale	~1		0.19443259	7.47E-04	260.311991	0
NBE	~1		0	0	NA	NA

dependent variable); rhs = right-hand side (predictor

ci.lower	ci.upper	std.lv	std.all
0.05082053	0.05626438	0.05354246	0.17812739
0.15381455	0.15748304	0.15564879	0.6947993
0.14375392	0.14663667	0.14519529	0.78688963
0.15654732	0.15920029	0.15787381	0.90942433
1	1	1	1
0.0864283	0.08854105	0.08748467	0.96827063
0.02556955	0.02634709	0.02595832	0.51725394
0.01272329	0.01320714	0.01296522	0.38080471
0.00498346	0.00544046	0.00521196	0.17294739
0.59104923	0.59615429	0.59360176	1.97482027
0.14434568	0.14821853	0.1462821	0.65298742
0.18995362	0.19305637	0.191505	1.03786627
0.19296865	0.19589652	0.19443259	1.12001939
0	0	0	0

Supplementary Table 3 (S5): CFA model parameter estimates for SCC. lhs = left-hand side (

lhs	op	rhs	est	se	z	pvalue
SCC	=~	social_support	0.10836688	0.00125837	86.1171807	0
SCC	=~	loneliness	-0.1583594	9.51E-04	-166.57988	0
SCC	=~	social_cohesion	0.08308761	8.49E-04	97.8905729	0
SCC	=~	discrimination	-0.097641	7.01E-04	-139.25726	0
SCC	=~	stress	-0.1470069	8.56E-04	-171.69136	0
SCC	=~	spirituality	0.04193484	0.00129249	32.4450326	0
SCC	~~	SCC	1	0	NA	NA
social_support	~~	loneliness	-0.0149765	2.11E-04	-70.893597	0
social_support	~~	social_cohesion	0.00519793	1.53E-04	34.059854	0
social_support	~~	social_support	0.05144283	3.46E-04	148.865949	0
loneliness	~~	loneliness	0.02126656	2.12E-04	100.529408	0
social_cohesion	~~	social_cohesion	0.02606197	1.73E-04	150.473336	0
discrimination	~~	discrimination	0.01495734	1.15E-04	130.602481	0
stress	~~	stress	0.01568269	1.71E-04	91.4565388	0
spirituality	~~	spirituality	0.0688657	4.21E-04	163.626621	0
social_support	~1		0.73962966	0.00108425	682.158234	0
loneliness	~1		0.29584993	9.24E-04	320.045255	0
social_cohesion	~1		0.71546327	7.81E-04	915.908485	0
discrimination	~1		0.15040549	6.74E-04	223.241626	0
stress	~1		0.32791421	8.38E-04	391.482474	0
spirituality	~1		0.57755546	0.00113951	506.846898	0
SCC	~1		0	0	NA	NA

(dependent variable); rhs = right-hand side (predictor

ci.lower	ci.upper	std.lv	std.all
0.10590053	0.11083323	0.10836688	0.43110732
-0.1602226	-0.1564961	-0.1583594	-0.735607
0.08142403	0.08475119	0.08308761	0.45762134
-0.0990152	-0.0962667	-0.097641	-0.6239187
-0.1486851	-0.1453288	-0.1470069	-0.761237
0.03940161	0.04446807	0.04193484	0.15779679
1	1	1	1
-0.0153906	-0.0145625	-0.0149765	-0.4527933
0.00489881	0.00549704	0.00519793	0.14195941
0.05076554	0.05212013	0.05144283	0.81414648
0.02085194	0.02168118	0.02126656	0.45888241
0.02572251	0.02640144	0.02606197	0.79058271
0.01473288	0.01518181	0.01495734	0.61072549
0.01534661	0.01601878	0.01568269	0.42051823
0.0680408	0.06969059	0.0688657	0.97510017
0.73750457	0.74175475	0.73962966	2.94240978
0.29403814	0.29766172	0.29584993	1.37427463
0.71393224	0.71699429	0.71546327	3.94055458
0.14908499	0.15172598	0.15040549	0.96107988
0.3262725	0.32955592	0.32791421	1.69801809
0.57532207	0.57978885	0.57755546	2.17328581
0	0	0	0

Supplementary Table 3 (S6): CFA model parameter estimates for SDOH. lhs = left-hand side

lhs	op	rhs	est	se	z	pvalue
SDOH	"=~"	Education	0.0727122	0.0012496	58.188351	0
SDOH	"=~"	SCC	1.6928299	0.0255868	66.160231	0
SDOH	"=~"	NBE	-0.6279008	0.0068623	-91.500586	0
SDOH	"=~"	ES	2.6186971	0.0932695	28.076683	0
SDOH	"=~"	HCAU	1.9531157	0.0398384	49.025933	0
SDOH	~~	SDOH	1	0	NA	NA
SCC	"=~"	Social.Supp	0.058001	8.50E-04	68.253163	0
SCC	"=~"	Loneliness	-0.0752206	9.72E-04	-77.354046	0
SCC	"=~"	Social.Cohes	0.0278055	5.23E-04	53.198285	0
SCC	"=~"	Everyday.Dis	-0.0495244	5.83E-04	-84.901033	0
SCC	"=~"	Stress	-0.075447	9.43E-04	-80.022244	0
SCC	"=~"	Spiritual.Exp	0.0145693	6.86E-04	21.250741	0
SCC	~~	SCC	1	0	NA	NA
Social.Supp	~~	Loneliness	-0.0152275	1.99E-04	-76.436238	0
Social.Supp	~~	Social.Cohes	0.0025818	1.33E-04	19.400802	0
NBE	"=~"	Walkability	0.0382063	1.17E-03	32.660736	0
NBE	"=~"	Crime	0.1317659	8.28E-04	159.07732	0
NBE	"=~"	Physical.Dis	0.1219934	6.58E-04	185.50772	0
NBE	"=~"	Social.Disor	0.1343254	6.37E-04	210.91336	0
NBE	~~	NBE	1	0	NA	NA
ES	"=~"	Own.Home	0.0766719	0.0026111	29.364333	0
ES	"=~"	Housing.Qua	0.0601545	0.0020129	29.883946	0
ES	"=~"	Housing.Inst	-0.0553751	0.0019227	-28.800401	0
ES	"=~"	Food.Insecu	-0.0593911	0.0020169	-29.446239	0
ES	"=~"	Percent.Pov	0.0317276	0.0010639	29.821683	0
ES	~~	ES	1	0	NA	NA
Own.Home	~~	Housing.Inst	-0.0278337	6.73E-04	-41.368104	0
Own.Home	~~	Percent.Pov	0.0095335	2.94E-04	32.392583	0
HCAU	"=~"	Health.Litera	0.0489388	0.0011657	41.980839	0
HCAU	"=~"	Medical.Disc	-0.0343667	6.04E-04	-56.87823	0
HCAU	"=~"	Health.Cover	0.0402284	9.72E-04	41.389184	0
HCAU	"=~"	Healthcare.L	-0.0103719	3.99E-04	-25.993727	0
HCAU	"=~"	Delayed.Car	-0.1204989	0.0023487	-51.303567	0
HCAU	"=~"	Can.t.afford	-0.1107447	0.0022576	-49.054028	0
HCAU	"=~"	Worried.Pay	-0.0820968	0.0015864	-51.751481	0
HCAU	"=~"	Respect	0.0301613	6.49E-04	46.494244	0
HCAU	~~	HCAU	1	0	NA	NA
Medical.Disc	~~	Respect	-0.0041561	1.03E-04	-40.315731	0
Healthcare.L	~~	Worried.Pay	-0.00462	1.87E-04	-24.70721	0
Can.t.afford	~~	Worried.Pay	0.0173753	6.29E-04	27.626852	0
Everyday.Dis	~~	Medical.Disc	0.0063437	8.33E-05	76.115356	0
Education	~~	Percent.Pov	0.014279	1.93E-04	73.898255	0

Social.Cohes ~	Social.Disorc	-0.0021349	9.08E-05	-23.521633	0
Education ~	Health.Litera	0.0159381	4.11E-04	38.778349	0
Walkability ~	Own.Home	-0.018878	5.12E-04	-36.893133	0
NBE #ERROR!	Social.Cohes	-0.0552133	8.26E-04	-66.881969	0
Education ~	Education	0.0604753	3.73E-04	162.26688	0
Social.Suppc ~	Social.Suppc	0.0500807	3.31E-04	151.21543	0
Loneliness ~	Loneliness	0.0244943	1.95E-04	125.5866	0
Social.Cohes ~	Social.Cohes	0.0221898	1.51E-04	147.24949	0
Everyday.Dis ~	Everyday.Dis	0.0143218	1.07E-04	133.53867	0
Stress ~	Stress	0.015283	1.51E-04	101.16665	0
Spiritual.Exp ~	Spiritual.Exp	0.0698338	4.26E-04	163.94188	0
Walkability ~	Walkability	0.0878837	5.42E-04	162.02644	0
Crime ~	Crime	0.0258654	1.96E-04	131.86282	0
Physical.Dis ~	Physical.Dis	0.0132251	1.15E-04	114.59983	0
Social.Disorc ~	Social.Disorc	0.0049323	1.03E-04	47.745526	0
Own.Home ~	Own.Home	0.1521887	0.0010532	144.50727	0
Housing.Quæ ~	Housing.Quæ	0.1259956	8.46E-04	148.8605	0
Housing.Inst ~	Housing.Inst	0.1301217	8.49E-04	153.18076	0
Food.Insecui ~	Food.Insecui	0.0589917	4.44E-04	132.8301	0
Percent.Pov ~	Percent.Pov	0.0275229	1.85E-04	148.75239	0
Health.Litera ~	Health.Litera	0.1606455	0.0010005	160.57068	0
Medical.Disc ~	Medical.Disc	0.0177492	1.22E-04	145.0895	0
Health.Cover ~	Health.Cover	0.0840258	5.27E-04	159.39339	0
Healthcare.L ~	Healthcare.L	0.0194979	1.32E-04	147.74151	0
Delayed.Car ~	Delayed.Car	0.1488822	0.0011675	127.52682	0
Can.t.afford. ~	Can.t.afford.	0.1711646	0.0012785	133.88368	0
Worried.Pay ~	Worried.Pay	0.0706258	5.35E-04	131.93185	0
Respect ~	Respect	0.0284366	1.86E-04	152.57373	0
Education ~1		0.7263823	0.0011004	660.12846	0
Social.Suppc ~1		0.7400109	0.0010864	681.1784	0
Loneliness ~1		0.2958602	9.27E-04	319.08839	0
Social.Cohes ~1		0.7156332	7.79E-04	918.37539	0
Everyday.Dis ~1		0.1504282	6.65E-04	226.10906	0
Stress ~1		0.3278512	8.39E-04	390.74092	0
Spiritual.Exp ~1		0.5771565	0.0011428	505.01765	0
Walkability ~1		0.5937909	1.30E-03	455.92153	0
Crime ~1		0.1458517	9.89E-04	147.42464	0
Physical.Dis ~1		0.1912534	7.93E-04	241.22811	0
Social.Disorc ~1		0.1942016	7.48E-04	259.6897	0
Own.Home ~1		0.7314255	0.0019164	381.67016	0
Housing.Quæ ~1		0.8103806	0.0017174	471.87778	0
Housing.Inst ~1		0.1905135	0.0016851	113.06005	0
Food.Insecui ~1		0.0959275	0.0012654	75.80739	0
Percent.Pov ~1		0.2659958	8.08E-04	329.3249	0

Health.Litera ~1	0.7792672	0.0017812	437.48893	0
Medical.Disc ~1	0.133028	6.59E-04	201.77046	0
Health.Cover ~1	0.8976974	0.0013004	690.32181	0
Healthcare.L ~1	0.3091376	6.69E-04	462.17515	0
Delayed.Car ~1	0.3198928	0.0021058	151.91088	0
Can.t.afford. ~1	0.3573537	0.0021313	167.66613	0
Worried.Pay ~1	0.2465831	0.0013878	177.68197	0
Respect ~1	0.7871409	7.88E-04	999.24947	0
SDOH ~1	0	0 NA	NA	
SCC ~1	0	0 NA	NA	
NBE ~1	0	0 NA	NA	
ES ~1	0	0 NA	NA	
HCAU ~1	0	0 NA	NA	

α (dependent variable); rhs = right-hand side (predictor)

ci.lower	ci.upper	std.lv	std.all
0.070263	0.0751614	0.0727122	0.2835428
1.6426806	1.7429791	0.8609953	0.8609953
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2.4358923	2.8015019	0.9342025	0.9342025
1.8750339	2.0311976	0.890113	0.890113
1	1	1	1
0.0563354	0.0596665	0.1140375	0.4540293
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0.0267811	0.02883	0.0546694	0.302356
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0.0132256	0.0159131	0.0286452	0.1077661
1	1	0.2586872	0.2586872
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0.002321	0.0028427	0.0025818	0.0774491
0.0359136	0.0404991	0.0451135	0.1504463
0.1301424	0.1333893	0.1555875	0.6953018
0.1207045	0.1232823	0.1440483	0.7814984
0.1330772	0.1355737	0.1586098	0.914374
1	1	0.7172267	0.7172267
0.0715543	0.0817894	0.2149217	0.4825377
0.0562092	0.0640998	0.1686213	0.42909
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0.0296424	0.0338128	0.0889368	0.4724756
1	1	0.1272657	0.1272657
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0.0089567	0.0101104	0.0095335	0.1473038
0.046654	0.0512236	0.1073832	0.2587911
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-0.1251023	-0.1158954	-0.2644027	-0.5652637
-0.1151695	-0.1063199	-0.2429998	-0.5064546
-0.085206	-0.0789876	-0.1801395	-0.5610869
0.0288898	0.0314327	0.0661809	0.3653306
1	1	0.2076989	0.2076989
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-0.0049865	-0.0042535	-0.00462	-0.1244988
0.0161426	0.0186079	0.0173753	0.1580311
0.0061804	0.0065071	0.0063437	0.3978845
0.0139003	0.0146577	0.014279	0.3499949

-0.0023127	-0.001957	-0.0021349	-0.2040656
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-0.0568313	-0.0535953	-0.0651952	-0.3605706
0.0597448	0.0612058	0.0604753	0.9196035
0.0494316	0.0507298	0.0500807	0.7938574
0.0241121	0.0248766	0.0244943	0.5282723
0.0218945	0.0224852	0.0221898	0.6787402
0.0141116	0.014532	0.0143218	0.6016803
0.0149869	0.0155791	0.015283	0.4098706
0.068999	0.0706687	0.0698338	0.9883865
0.0868206	0.0889467	0.0878837	0.9773659
0.025481	0.0262499	0.0258654	0.5165555
0.0129989	0.0134513	0.0132251	0.3892602
0.0047298	0.0051347	0.0049323	0.1639202
0.1501246	0.1542529	0.1521887	0.7671574
0.1243367	0.1276545	0.1259956	0.8158818
0.1284568	0.1317866	0.1301217	0.8437615
0.0581213	0.0598621	0.0589917	0.6803511
0.0271603	0.0278856	0.0275229	0.7767668
0.1586846	0.1626064	0.1606455	0.9330272
0.0175094	0.0179889	0.0177492	0.7573584
0.0829926	0.085059	0.0840258	0.9151395
0.0192393	0.0197566	0.0194979	0.9741234
0.1465941	0.1511704	0.1488822	0.6804769
0.1686588	0.1736703	0.1711646	0.7435038
0.0695766	0.071675	0.0706258	0.6851815
0.0280713	0.0288019	0.0284366	0.8665336
0.7242256	0.7285389	0.7263823	2.8325433
0.7378816	0.7421401	0.7400109	2.9462818
0.2940429	0.2976774	0.2958602	1.3739873
0.7141059	0.7171605	0.7156332	3.9579035
0.1491243	0.1517322	0.1504282	0.9750206
0.3262067	0.3294957	0.3278512	1.6978354
0.5749166	0.5793965	0.5771565	2.171321
0.5912382	0.5963435	0.5937909	1.9801955
0.1439127	0.1477908	0.1458517	0.6517939
0.1896995	0.1928073	0.1912534	1.0375983
0.1927359	0.1956673	0.1942016	1.1195577
0.7276694	0.7351815	0.7314255	1.6421812
0.8070147	0.8137466	0.8103806	2.0621724
0.1872108	0.1938161	0.1905135	0.4851328
0.0934473	0.0984076	0.0959275	0.3257722
0.2644127	0.2675788	0.2659958	1.4130993

0.7757761	0.7827583	0.7792672	1.878016
0.1317358	0.1343202	0.133028	0.86897
0.8951486	0.9002461	0.8976974	2.9625602
0.3078267	0.3104486	0.3091376	2.1850659
0.3157655	0.32402	0.3198928	0.6838954
0.3531764	0.3615311	0.3573537	0.7447886
0.2438631	0.2493031	0.2465831	0.7680412
0.785597	0.7886848	0.7871409	4.3451635
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0	0	0	0
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