

Supplementary Table 2.

Temporal scaling slopes, intercepts, and step rates h_0 for hominin brain size evolution in each of the 14 time series analyzed in the Supplementary Information..

Study	Figure	Sample ages (<i>n</i>)	Rates	Temporal-scaling slope			Slope interpretation	Temporal-scaling intercept			Step rate <i>h</i> ₀
				Median	95% conf. int.			Median	95% conf. int.		
1. Beals et al. (1984)	S1	48	1124	−0.804	−0.866*	−0.709**	Stationary-to-random	−0.543	−0.854	−0.358	0.286
2. Aiello and Dunbar (1993)	S2	37	666	−0.601	−0.695*	−0.460*	Random	−1.231	−1.820	−0.874	0.059
3. Stanyon et al. (1993)	S3	42	860	−0.520	−0.616*	−0.472*	Random	−1.579	−1.782	−1.193	0.026
4. Ruff et al. (1997)	S4	38	702	−0.799	−0.872*	−0.684**	Stationary-to-random	−0.557	−0.967	−0.329	0.278
5. D'Amore et al. (2001)	S5	61	1829	−0.756	−0.830*	−0.702**	Stationary-to-random	−0.742	−0.935	−0.509	0.181
6. DeMiguel and Henneberg (2001)	S6	71	2484	−0.797	−0.851*	−0.741**	Stationary-to-random	−0.551	−0.748	−0.364	0.281
7. Lee and Wolpoff (2003)	S7	17	136	−0.484	−0.642*	−0.386*	Random	−1.868	−2.294	−1.189	0.014
8. Holloway et al. (2004)	S8	59	1708	−0.806	−0.895*	−0.675**	Stationary-to-random	−0.548	−1.048	−0.229	0.283
9. Ash and Gallup (2007)	S9	50	1225	−0.835	−0.974*	−0.690**	Stationary-to-random	−0.398	−0.940	0.116	0.400
10. Bailey and Geary (2009)	S10	66	2145	−0.772	−0.820*	−0.706**	Stationary-to-random	−0.684	−0.925	−0.520	0.207
11. Shultz et al. (2012)	S11	88	3825	−0.710	−0.777*	−0.676**	Random-to-stationary	−0.878	−1.005	−0.644	0.132
12. Schoenemann (2013)	S12	74	2695	−0.744	−0.803*	−0.677**	Random-to-stationary	−0.761	−1.016	−0.550	0.173
13. Du et al. (2018)	S13	46	1034	−0.798	−0.902*	−0.597**	Stationary-to-random	−0.514	−1.348	−0.094	0.306
14. Ponce de León et al. (2021)	S14	18	153	−0.899	−1.020	−0.748**	Stationary	−0.090	−0.717	+0.356	0.814
Consensus (<i>N</i> = 233 specimens)	1	98	4747	−0.712	−0.780*	−0.671**	Random-to-stationary	−0.819	−0.981	−0.569	0.152

*Significantly different from stationary (slope -1.000) but not random change; or significantly different from directional change (slope 0.000) but not random

**Significantly different from random change (slope -0.500) and from directional change (slope 0.000)