

ONLINE SUPPLEMENT

**Genetic and Environmental Continuity in Personality Development:
A Meta-Analysis**

Daniel A. Briley & Elliot M. Tucker-Drob

Department of Psychology & Population Research Center
University of Texas at Austin

Address Correspondences to: Daniel A. Briley, Department of Psychology, University of Texas
at Austin, 108 E. Dean Keeton Stop A8000, Austin TX 78712-0187. Email:

daniel.briley@utexas.edu. Phone: (512) 471-1406.

Table S1. Results of continuous exponential models for each developmental outcome based only on self-report data

Outcome	b_0	b_1	b_2	$b_{\text{time lag}}$	LL	AIC	BIC
Heritability	.399 (.073) ***	-.108 (.159)	-.043 (.145)	-	-865.505	1737.011	1747.611
Environmentality	.610 (.082) ***	.121 (.090)	-.033 (.086)	-	-875.896	1757.792	1768.393
Corrected Environmentality	.369 (.020) ***	2.131 (2.862)	-.259 (.126) *	-	-884.588	1775.176	1785.777
Phenotypic Stability	.709 (.028) ***	1.283 (.431) **	-.120 (.027) ***	-.005 (.004)	-1640.088	3288.177	3300.859
Genetic Stability	.996 (.008) ***	1.185 (.279) ***	-.111 (.018) ***	-.005 (.004)	-1380.600	2769.200	2781.882
Environmental Stability	.593 (.051) ***	1.104 (.355) **	-.084 (.028) **	-.008 (.004) *	-1412.135	2832.269	2844.951
Corrected Environmental Stability	.901 (.017) ***	1.598 (.357) ***	-.079 (.013) ***	-.018 (.007) *	-1328.502	2665.003	2677.685
Genetic Contribution to Stability	.395 (.016) ***	.393 (.145) **	-.111 (.033) **	.006 (.002) *	-1405.376	2818.751	2831.433
Environmental Contribution to Stability	.325 (.020) ***	.647 (.178) ***	-.083 (.026) **	-.007 (.004) *	-1505.100	3018.199	3030.881

Note. * indicates $p < .05$; ** indicates $p < .01$; *** indicates $p < .001$.

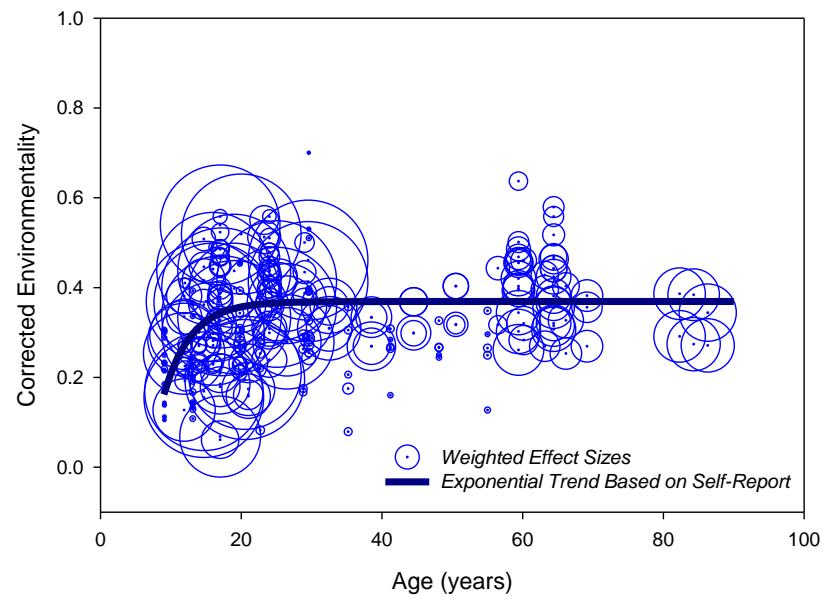
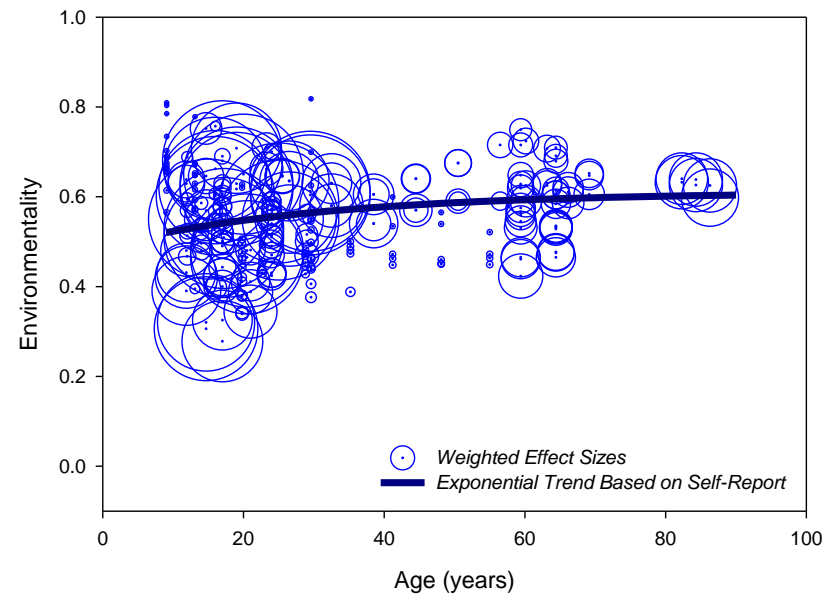
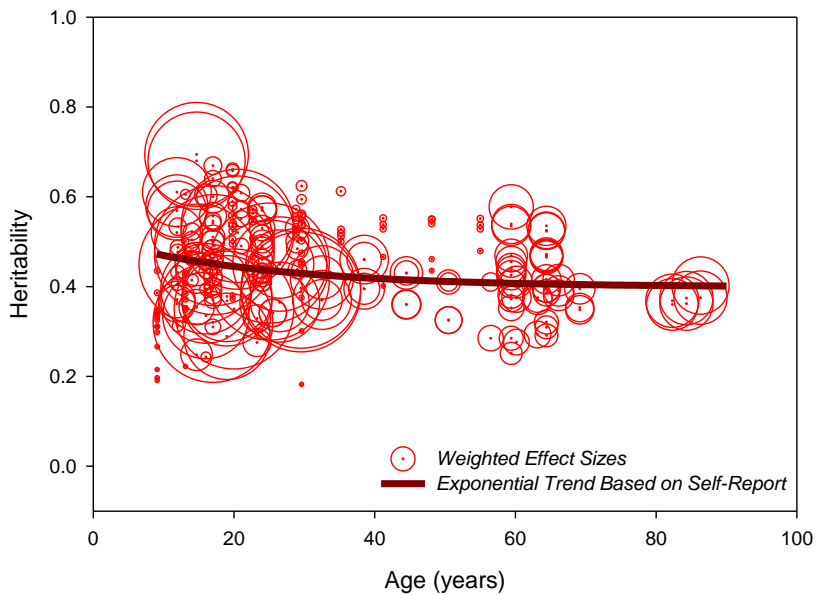


Figure S1. Age-trends in heritability, environmentality, and measurement error corrected environmentality based *only* on self-report data. Circles surrounding data points are scaled by the weighting variable (described in Analytic Approach section) such that larger circles carried *more* weight in the analysis.

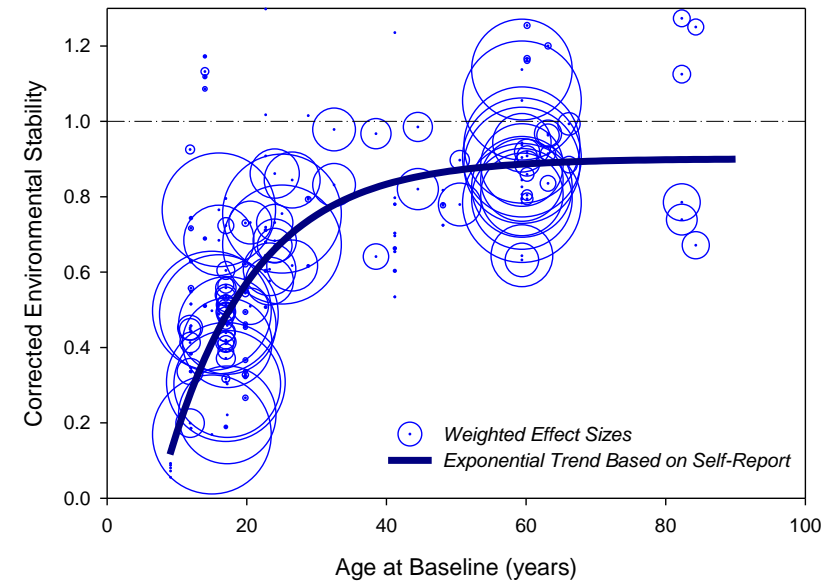
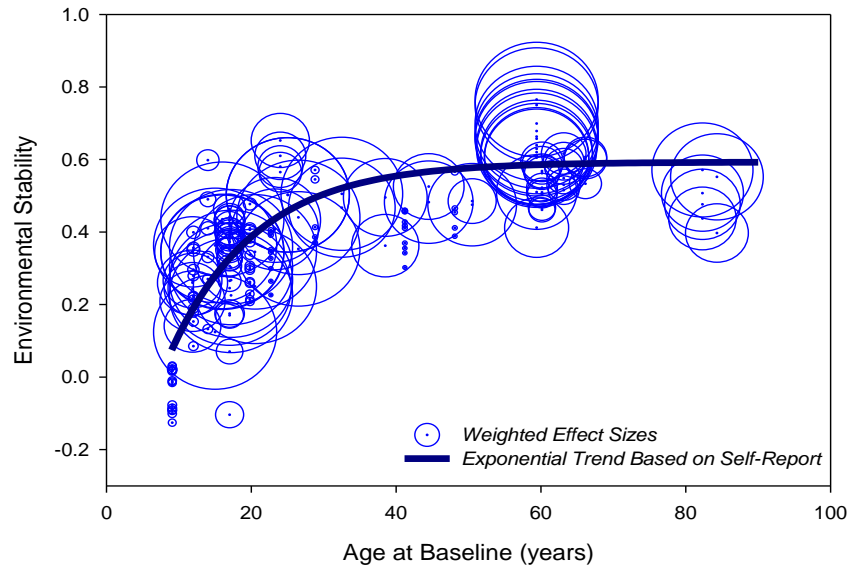
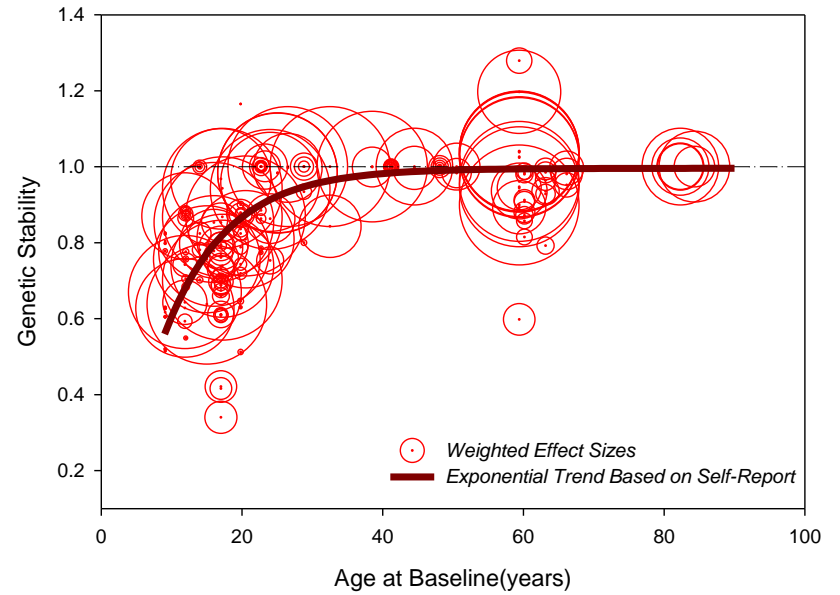
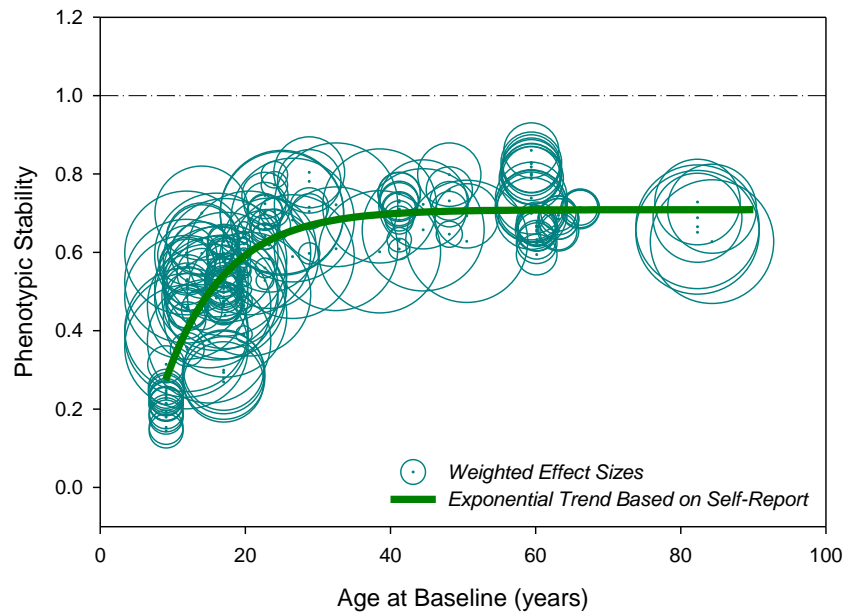
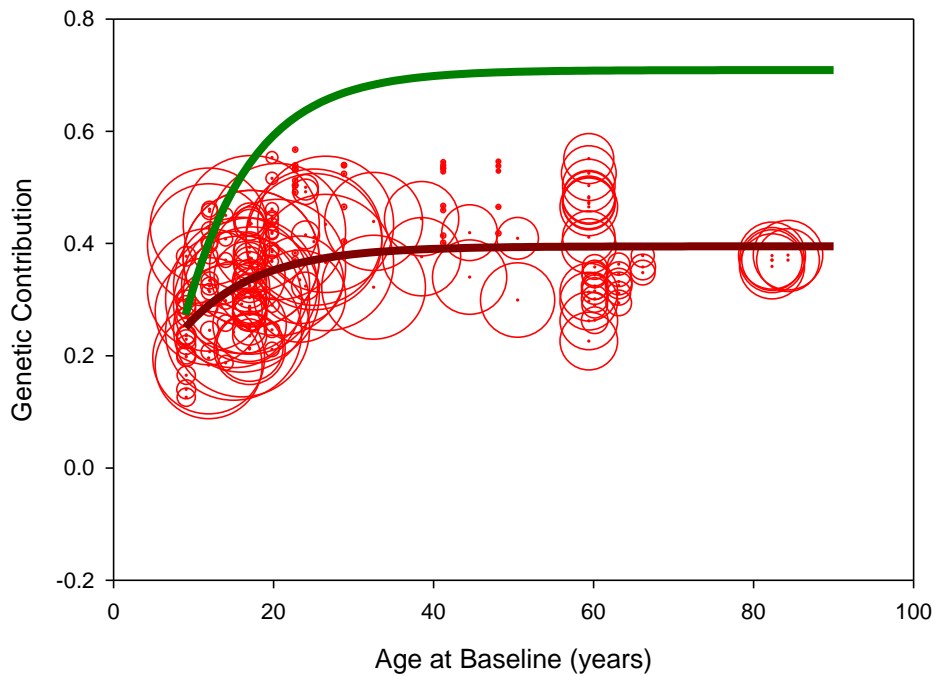
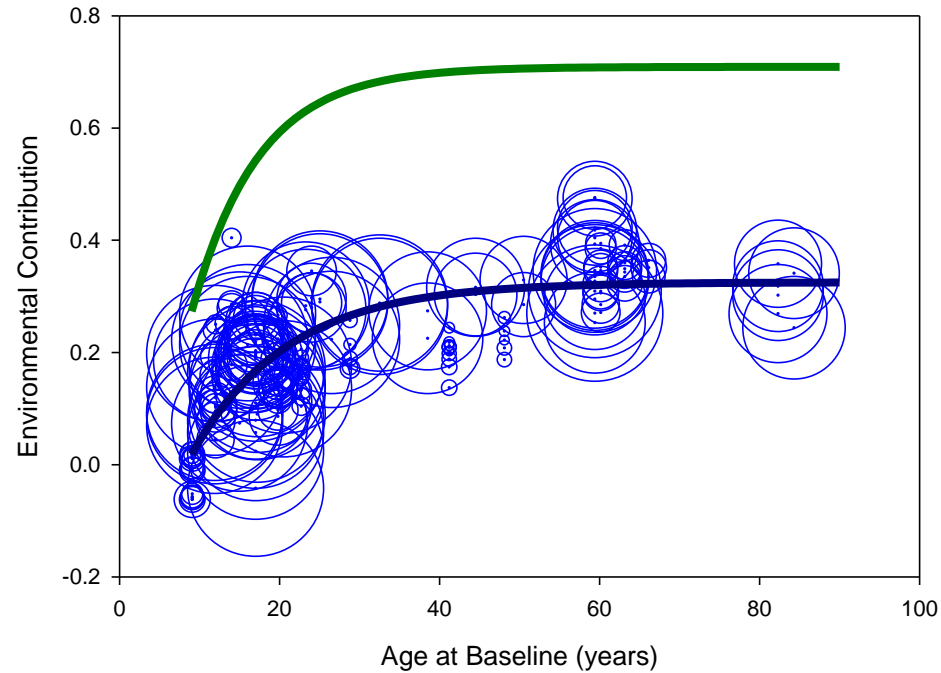


Figure S2. Age-trends in phenotypic, genetic, environmental, and measurement error corrected environmental stability based *only* on self-report data assuming a time lag of 5.56 years. Circles surrounding data points are scaled by the weighting variable (described in Analytic Approach section) such that larger circles carried *more* weight in the analysis.



- Weighted Effect Sizes
- Exponential Genetic Contribution Trend Based on Self-Report
- Exponential Phenotypic Stability Trend Based on Self-Report



- Weighted Effect Sizes
- Exponential Environmental Contribution Trend Based on Self-Report
- Exponential Phenotypic Stability Trend Based on Self-Report

Figure S3. Age-trends in the genetic and environmental contribution to phenotypic stability based *only* on self-report data assuming a time lag of 5.56 years. Circles surrounding data points are scaled by the weighting variable (described in Analytic Approach section) such that larger circles carried *more* weight in the analysis.