Supplementary Information



Figure S1. Path model with one first order factor, g (general intelligence) and error variances (e) allowed to covary.

Figure S2. Path model with three first order factors – analytical, creative and practical abilities (Model 2).







Figure S4. Path model with nine first order factors (Model 4).



Figure S5. Path model with one second order factor and nine first order factors (Model 5).

Figure S6. Path model with nine first order factors and three second-order factors (Model 6). a: analytical, c: creative, p: practical abilities.



Figure S7. Path model with nine first order factors and three second-order factors (Model 7). v: verbal, q: quantitative, f: figural.



Figure S8. Path model with nine first order factor, three second-order factors (a: analytical, c: creative, p: practical abilities) and one third-order factor, *g* (Model 8).



Figure S9. Modified g model predicting ACT/SAT scores, high school GPA and college GPA. GPA: grade point average.



Figure S10. The triarchic model, Model 2, predicting ACT/SAT scores, high school GPA and college GPA. GPA: grade point average; a: analytical, c: creative, p: practical abilities.



Figure S11. The hierarchical *g* and triarchic model, Model 8, predicting ACT/SAT scores, high school GPA and college GPA. GPA: grade point average; a: analytical, c: creative, p: practical abilities.

