**S7 Table. Standardized variance components derived from the best fitting model as well as from more parsimonious models.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | ***a*²** | ***ct*²** | ***e*²** |
| Mathematics | ACtE with G.D. | Same class | .35 | .35 | .30 |
|  |  | Different classes | .38 | .22 | .40 |
|  | ACtE without G.D. | Same class | .34 | .31 | .35 |
|  |  | Different classes | .34 | .31 | .35 |
|  | sc: ACtE; dc: AE | Same class | .35 | .35 | .30 |
|  |  | Different classes | .60 | - | .40 |
| German | ACtE with G.D. | Same class | .42 | .37 | .21 |
|  |  | Different classes | .65 | .07 | .28 |
|  | ACtE without G.D. | Same class | .47 | .28 | .25 |
|  |  | Different classes | .47 | .28 | .25 |
|  | sc: ACtE; dc: AE | Same class | .42 | .37 | .21 |
|  |  | Different classes | .72 | - | .28 |
| GPA | ACtE with G.D. | Same class | .43 | .48 | .09 |
|  |  | Different classes | .60 | .22 | .18 |

Note. a² = additive genetic effects; ct² = twin-shared environmental effects; e² = non-shared environmental effects (including measurement error); G.D. = group differentiation