

Supplement to:

Klein, Markus, and Michael Kühhirt. 2021. "Direct and Indirect Effects of Grandparent Education on Grandchildren's Cognitive Development: The Role of Parental Cognitive Ability." *Sociological Science* 8: 265-284.

Table 1. Summary Statistics (n = 1,898)

	Mean/Proportion	SD	Min	Max
<i>Outcome (Y)</i>				
Verbal ability	2.20	21.43	-76.99	81.53
Numerical ability*	1.94	16.76	-61.74	62.25
<i>Treatment (X)</i>				
Grandparent education: degree or higher	0.14		0.00	1.00
<i>Parental characteristics (M)</i>				
Parental education				
None	0.28		0.00	1.00
Lower secondary schooling: O-level or equiv.	0.45		0.00	1.00
Upper secondary schooling: A-level or equiv.	0.06		0.00	1.00
Degree or higher	0.22		0.00	1.00
Parental class				
Higher managerial and professional occupations	0.06		0.00	1.00
Lower managerial and professional occupations	0.23		0.00	1.00
Intermediate occupations	0.14		0.00	1.00
Small employers and account workers	0.08		0.00	1.00
Lower supervisory and technical occupations	0.10		0.00	1.00
Semi-routine occupations	0.14		0.00	1.00
Routine occupations	0.10		0.00	1.00
Never worked and long-term unemployed	0.15		0.00	1.00
Parental savings and investments in £	6045.18	21683.30	0.00	310000.00
Parental income (weekly) in £	682.71	1441.16	14.96	39805.30
Parental siblings				
Zero	0.09		0.00	1.00
One	0.45		0.00	1.00
Two	0.31		0.00	1.00
Three	0.10		0.00	1.00
More than four	0.06		0.00	1.00

Partner resources				
No partner	0.11		0.00	1.00
Partner left education age 16/not employed in manag. or prof. occupations	0.45		0.00	1.00
Partner left education age 16/ employed in manag. or prof. occupations	0.11		0.00	1.00
Partner continued education after age 16/not employed in manag. or prof. occupations	0.18		0.00	1.00
Partner continued education after age 16/ employed in manag. or prof. occupations	0.13		0.00	1.00
Parental health				
Excellent	0.33		0.00	1.00
Good	0.47		0.00	1.00
Fair	0.14		0.00	1.00
Poor/Very Poor	0.06		0.00	1.00
Parental cognitive ability	-0.00	0.89	-3.12	2.85
Parental birthweight in grams	3331.57	531.72	1361.00	5448.00
<i>Baseline confounders (Z)</i>				
Region				
North	0.07		0.00	1.00
York and Humberside	0.10		0.00	1.00
East Midlands	0.07		0.00	1.00
East Anglia	0.04		0.00	1.00
South East	0.23		0.00	1.00
South West	0.08		0.00	1.00
West Midlands	0.10		0.00	1.00
North West	0.12		0.00	1.00
Wales	0.07		0.00	1.00
Scotland	0.11		0.00	1.00
<i>Treatment-induced M-Y confounders (L)</i>				

Grandparent class				
Service class	0.26		0.00	1.00
Intermediate class	0.23		0.00	1.00
Working class	0.52		0.00	1.00
Grandparent in poor health: yes	0.23		0.00	1.00
Grandparent homeownership: yes	0.59		0.00	1.00
Grandparent income (weekly) in £	126.54	57.87	17.50	275.00

Source: British Cohort Study (BCS70); *Note:* * Summary statistics for numerical ability based on N = 1,884