

Table A5: The estimated impact of 'Vietnam' on Mathematics PISA test scores - rotated questionnaire variables

Variables	Mathematics					
	(6)		(7)		(8)	
VIETNAM	60.83	(6.97)	49.59	(7.32)	64.81	(7.73)
PRESCHOOL	22.16	(3.47)	19.19	(3.87)	24.13	(4.29)
REPEAT	-30.31	(3.58)	-27.82	(3.11)	-32.25	(2.85)
ST08Q01	-5.75	(1.57)	-8.21	(1.54)	-5.14	(1.61)
ST115Q01	-4.3	(1.85)	-2.99	(2.14)	-2.83	(1.91)
BOOK_N	0.05	(0.01)	0.05	(0.01)	0.07	(0.01)
PARPRESSURE	8.73	(3.95)	9.13	(4.21)	6.99	(4.43)
PCGIRLS	8.97	(12.13)	0.16	(0.06)	0.2	(0.07)
FUNDMOM	0.18	(0.06)	-0.1	(0.07)	-0.12	(0.07)
COUNCILMOM	-0.12	(0.06)	-0.09	(0.07)	-0.08	(0.07)
DUTYMOM	-0.07	(0.06)	10.42	(6.65)	17.84	(7.32)
PROPCERT	15.7	(6.22)	-0.02	(0.01)	-0.02	(0.01)
SMRATIO	-0.02	(0.01)	1.57	(1.65)	1.9	(1.79)
TCSHORT	1.74	(1.68)	-0.51	(1.89)	-2.21	(1.87)
TCFOCST	0.11	(1.69)	-2.85	(7.69)	2.6	(8.67)
TCM.STUASS	-1.76	(7.11)	-5.6	(5.31)	-5.44	(5.44)
TCM.PEER	-5.45	(5.43)	-2.81	(2.61)	-3.11	(2.63)
TCH.INCENTV	-2.87	(2.24)	-26.99	(8.39)	-22.58	(10.55)
ASS.PROG	-16.88	(7.84)	9.49	(5.81)	10.84	(6.39)
ASS.PROM	11.54	(5.48)	0.75	(7.16)	3.85	(7.24)
ASS.SCH	1.29	(7.39)	3.62	(5.20)	4.24	(4.91)
STU.FEEDB	2.23	(4.57)	0.74	(13.38)	12.2	(14.08)
COMP.USE	-0.42	(4.95)	-0.08	(4.83)	0.25	(5.42)
TXT.BOOK	-7.54	(6.21)	-8.33	(7.15)	-9.08	(6.99)
TOWN	-6.23	(3.28)	-6.21	(3.42)	-8.65	(4.06)
CLSIZE	0.68	(0.21)	0.72	(0.23)	0.72	(0.24)
COMPWEB	12.71	(5.76)	14.02	(5.97)	13.84	(6.70)
SCMATEDU	4.62	(2.67)	4.5	(2.73)	6.5	(3.01)
SCMATBUI	3.16	(2.21)	2.57	(2.26)	2.41	(2.52)
EXC2.PLAY	6	(3.70)	6.44	(4.01)	8.62	(3.69)
EXC6.MATHCOMP	-1.66	(4.86)	-2.29	(5.13)	-4.09	(5.29)
EXC10.SPORT	-4.92	(9.03)	-6.91	(8.23)	-8.72	(9.22)
EXC11.UNICORN	6.99	(4.79)	6.91	(5.63)	6.68	(5.95)
SCL.EXTR.CL	11.36	(4.95)	8.3	(4.75)	6.21	(5.08)
SCORE.PUBLIC	11.12	(4.26)	8.71	(4.57)	10.62	(4.82)
QUAL.RECORD	11.35	(6.32)	10.14	(6.72)	5.45	(7.03)
SCHSEL	1.84	(2.96)	3.92	(3.22)	1.94	(3.53)
MATWKETH	-9.72	(1.58)	-	-	-	-
INSTMOT	5.66	(1.31)	-	-	-	-
INTMAT	-3.52	(1.90)	-	-	-	-
SUBNORM	-12.19	(0.88)	-	-	-	-
MATHEFF	29.91	(2.06)	-	-	-	-
MATINTFC	8.42	(0.86)	-	-	-	-
PERSEV	4.44	(1.10)	-	-	-	-
OUTMATH	-	-	1.73	(0.43)	-	-
EXPUREM	-	-	11.88	(0.99)	-	-
FAMCONC	-	-	24.1	(1.46)	-	-
BKGR.FAMPROB	-	-	-	-	0	(1.72)
ANXMAT	-	-	-	-	-18.57	(1.55)
ATSCHL	-	-	-	-	2.52	(1.09)
ATTLNACT	-	-	-	-	0.04	(1.20)
MTSUP	-	-	-	-	4.47	(1.13)
STUDREL	-	-	-	-	-6.86	(1.20)
TCHQUAL.DIFF	-	-	-	-	-9.97	(2.02)
TCHBEHTD	-	-	-	-	5.44	(1.27)
TCHBEHSD	-	-	-	-	-13.25	(1.44)
TCHBEHFA	-	-	-	-	0.02	(1.71)
DISCLIMA	-	-	-	-	1.28	(1.20)
R ²	49.87		49.36		48.24	
N	15775		14855		15539	

Notes: The sample consists of the 'Developing 7' countries and Vietnam. Column (1) contains in addition to all non-rotated variables, relevant variables from the student rotated questionnaire 1; column (2) contains in addition relevant variables from the student rotated questionnaire 2; column (3) contains additional relevant variables from the student rotated questionnaire 3.

Table A6: The estimated impact of 'Vietnam' on Reading PISA test scores - including rotated questionnaire variables

Variables	Reading					
	(6)		(7)		(8)	
VIETNAM	58.79	(6.04)	54	(5.99)	52.71	(6.24)
FEMALE	24.27	(1.97)	21.26	(1.92)	21.67	(1.91)
PRESCHOOL	24.98	(3.39)	22.17	(4.10)	21.32	(3.91)
REPEAT	-39.47	(3.39)	-42.47	(4.35)	-39.51	(3.70)
ST08Q01	-5.81	(1.52)	-6.21	(1.97)	-5.96	(1.55)
ST115Q01	-7.86	(1.85)	-10.93	(2.34)	-7.17	(2.12)
BOOK_N	0.05	(0.01)	0.04	(0.01)	0.05	(0.01)
PARPRESSURE	2.11	(4.08)	2.74	(4.49)	2.98	(4.19)
VOLUMOM	-0.02	(0.06)	-0.02	(0.07)	0	(0.06)
FUNDMOM	0.11	(0.06)	0.08	(0.06)	0.1	(0.06)
COUNCILMOM	-0.09	(0.07)	-0.05	(0.08)	-0.12	(0.07)
DUTYMOM	-0.1	(0.07)	-0.11	(0.08)	-0.11	(0.07)
PROPCERT	1.74	(5.59)	-0.31	(6.15)	4.75	(5.78)
TCSHORT	0.39	(1.91)	0.26	(2.00)	-0.33	(1.82)
TCM_STUASS	8.04	(8.83)	4.12	(9.23)	8.21	(8.48)
ASS_PROG	-10.75	(12.85)	-26.6	(11.36)	-10	(11.86)
ASS_PROM	14.11	(6.00)	11.43	(5.84)	11.08	(5.95)
ASS_NAT	1.55	(5.69)	-0.29	(6.62)	1	(6.12)
ASS_CUR	-3.68	(9.13)	-4.42	(9.30)	-0.93	(8.94)
STU_FEEDB	6.93	(4.28)	7.18	(4.53)	5.12	(4.36)
PCGIRLS	19.14	(10.42)	19.64	(11.99)	25.36	(11.56)
TOWN	-6.02	(3.64)	-7.8	(3.87)	-6.64	(3.87)
CLSIZE	0.99	(0.23)	0.64	(0.27)	0.87	(0.22)
COMPWEB	14.56	(5.55)	18.01	(5.78)	15.56	(6.03)
SCMATEDU	4.47	(2.59)	4.8	(2.59)	5.1	(2.52)
SCMATBUI	1.29	(2.46)	1.37	(2.54)	0.66	(2.36)
EXC2_PLAY	13.31	(4.05)	10.01	(4.28)	13.29	(3.97)
EXC6_MATHCOMP	7.9	(5.08)	9.79	(5.23)	6.18	(5.14)
EXC10_SPORT	-3.61	(11.66)	-3.21	(11.21)	-9.26	(11.30)
EXC11_UNICORN	11.6	(4.98)	12.75	(5.69)	10.12	(5.61)
SCORE_PUBLIC	4.61	(4.01)	4.69	(4.67)	5.39	(4.22)
LEADINST	1.12	(1.97)	1.87	(2.03)	2.16	(2.05)
QUAL_RECORD	-6.87	(6.93)	-9.79	(7.68)	-6.42	(7.04)
SCHSEL	1.26	(2.96)	-0.05	(3.21)	1.42	(3.26)
TEACCLIM	-1.98	(2.66)	-1.15	(2.68)	-1.68	(2.68)
PERSEV	7.81	(1.16)	-	-	-	-
LHRS	-	-	0.27	(0.60)	-	-
ST72Q01	-	-	0.78	(0.22)	-	-
BKGR_FAMPROB	-	-	-	-	-7.05	(1.87)
ATSCHL	-	-	-	-	10.16	(1.10)
ATTLNACT	-	-	-	-	-0.38	(1.13)
STUDREL	-	-	-	-	-6.85	(1.07)
TCHQUAL_DIFF	-	-	-	-	-13.42	(1.94)
R ²	42.84		40.35		43.8	
N	17611		14226		16891	

Notes: Column (6) contains in addition to all non-rotated variables, relevant variables from the student rotated questionnaire 1; column (7) contains in addition relevant variables from the student rotated questionnaire 2; column (8) contains additional relevant variables from the student rotated questionnaire 3.

Table A7: The estimated impact of 'Vietnam' on Science PISA test scores - including rotated questionnaire variables

Variables	Science					
	(6)		(7)		(8)	
VIETNAM	85.08	(5.86)	86.52	(6.02)	81.36	(6.25)
FEMALE	-5.19	(1.72)	-4.59	(2.00)	-5.05	(2.02)
PRESCHOOL	25.31	(3.59)	22.06	(3.78)	21.91	(4.08)
REPEAT	-37.2	(3.39)	-39	(4.13)	-38.24	(3.67)
ST08Q01	-7.32	(1.29)	-9.15	(1.69)	-6.82	(1.53)
ST115Q01	-6.12	(1.64)	-6.73	(2.47)	-5.21	(2.22)
BOOK_N	0.06	(0.01)	0.05	(0.01)	0.06	(0.01)
PARPRESSURE	-2.07	(3.68)	-0.44	(3.93)	-0.73	(3.85)
TCM_PEER	-4.82	(5.86)	-7.12	(6.45)	-4.57	(5.88)
FUNDMOM	0.17	(0.06)	0.16	(0.06)	0.18	(0.06)
COUNCILMOM	-0.13	(0.06)	-0.12	(0.07)	-0.12	(0.06)
DUTYMOM	-0.06	(0.06)	-0.07	(0.07)	-0.07	(0.07)
PROPCERT	4.16	(5.52)	0.5	(5.81)	7.14	(5.73)
TCSHORT	2.82	(1.83)	2.73	(2.01)	1.95	(1.75)
TCM.STUASS	10.18	(7.90)	8.56	(7.58)	10.83	(8.10)
ASS_PROG	-20.92	(10.54)	-29.01	(8.53)	-18.63	(11.39)
ASS_PROM	13.29	(6.96)	10.9	(6.97)	12.28	(7.36)
ASS_NAT	2.14	(4.83)	0.03	(5.48)	1.54	(5.27)
ASS_SCH	0.6	(6.69)	-0.41	(7.27)	0.78	(7.29)
ASS_CUR	-3.81	(8.41)	0.38	(9.39)	-3.36	(8.31)
STU_FEEDB	6.09	(4.59)	4.95	(4.96)	5.48	(4.84)
PCGIRLS	17.24	(10.75)	18.27	(12.05)	21.29	(12.04)
PRIVATESCL	-0.94	(5.36)	-3.85	(5.84)	0	(5.74)
TOWN	-7.2	(3.20)	-7.95	(3.18)	-8.26	(3.39)
CLSIZE	0.88	(0.20)	0.87	(0.21)	0.74	(0.20)
COMPWEB	15.23	(5.64)	19.29	(5.64)	15.83	(6.22)
SCMATEDU	5.52	(1.82)	4.69	(1.73)	5.42	(1.93)
EXC2_PLAY	8.82	(3.31)	8.09	(3.70)	9.23	(3.49)
EXC6_MATHCOMP	2.4	(4.48)	0.24	(4.84)	-0.55	(4.84)
EXC10_SPORT	-1.63	(9.83)	-2.83	(8.14)	-4.44	(10.17)
EXC11_UNICORN	8.52	(5.04)	10.1	(5.36)	8.29	(5.67)
SCORE_PUBLIC	10.85	(3.74)	11.05	(4.29)	11.28	(3.88)
LEADINST	1.29	(1.89)	2	(2.01)	1.92	(1.95)
QUAL_RECORD	-1.4	(5.51)	-0.25	(5.70)	-1.29	(5.80)
SCHSEL	1.49	(3.08)	2.69	(3.28)	0.86	(3.33)
TEACCLIM	-2.05	(2.42)	-1.5	(2.62)	-2.73	(2.47)
PERSEV	7.84	(1.03)	-	-	-	-
OUTSCIE	-	-	2.73	(0.56)	-	-
BKGR_FAMPROB	-	-	-	-	-7.57	(1.59)
ATSCHL	-	-	-	-	6.72	(1.02)
ATTLNACT	-	-	-	-	-0.31	(1.21)
STUDREL	-	-	-	-	-6.16	(0.94)
TCHQUAL_DIFF	-	-	-	-	-16.34	(1.86)
R2	47.74		47.96		49.34	
N	17545		15960		16826	

Notes: Column (6) contains in addition to all non-rotated variables, relevant variables from the student rotated questionnaire 1; column (7) contains in addition relevant variables from the student rotated questionnaire 2; column (8) contains additional relevant variables from the student rotated questionnaire 3.