

Online Supplemental Materials
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Table S1
Agreement Rate for Inter-Rater Reliability

Variable	Average agreement rate
Include	91%
Number of Effect Sizes	75%
Correlation	85%
Sample Size	72%
Grade Level	96%
Continent	100%
Gender	100%
Race/ethnicity	89%
Teachers	100%
Low Math Ability	95%
Child Math Anxiety Scale	98%
Adolescent/Adult Math Anxiety Scale	94%
Anxiety Scale Topic	100%
Component of Math Anxiety	96%
Math Assessment	96%
Math Content	84%

Table S2
Overall Average Effect Sizes for Individual Countries

Continent - Region	Country	<i>r</i>	95% CI		K	
			LL	UL		
Africa	South Africa	-.24**	-.33	-.17	9	
	Nigeria	-.30	--	--	1	
	Tunisia	-.19	--	--	1	
West Asia	United Arab Emirates	-.41**	-.45	-.35	3	
	Turkey	-.54**	-.67	-.39	7	
	Lebanon	-.16	--	--	1	
	Israel	-.25**	-.37	-.12	27	
	Iran	-.28*	-.44	-.11	2	
Southeast Asia	Singapore	-.40**	-.47	-.32	13	
	Brunei	-.22**	-.31	-.13	2	
	Malaysia	-.13	-.48	.25	4	
	Indonesia	-.12	--	--	1	
	Thailand	-.15	--	--	1	
East Asia	China	-.31**	-.32	-.29	9	
	Japan	-.14	-.28	.01	17	
	South Korea/Korea	-.17**	-.26	-.07	7	
	Taiwan	-.27	--	--	1	
South Asia	India	-.54**	-.71	-.31	7	
North Asia	Russia	-.37	--	--	1	
Oceania	Australia	-.47**	-.64	-.25	5	
	New Zealand	-.27	-.60	.12	3	
North Europe	United Kingdom/England	-.30**	-.39	-.21	26	
	Finland	-.22*	-.35	-.09	12	
	Norway	-.37**	-.51	-.21	3	
	Ireland	-.42**	-.52	-.31	4	
	Denmark	-.47	--	--	1	
	Iceland	-.39	--	--	1	
	Latvia	-.41	--	--	1	
	Sweden	-.42	--	--	1	
	South Europe	Italy	-.15**	-.19	-.11	47
		Spain	-.30**	-.41	-.18	23
Serbia		-.31**	-.35	-.27	3	
Croatia		-.36	--	--	1	
Greece		-.35	--	--	1	
Portugal		-.35	--	--	1	
Yugoslavia		-.33	--	--	1	
East Europe		Poland	-.41**	-.56	-.22	7
	Czech Republic	-.41	--	--	1	
	Hungary	-.33	--	--	1	
	Slovakia	-.41	--	--	1	
	West Europe	Germany	-.23**	-.32	-.12	31
Belgium		-.31**	-.41	-.20	7	
Netherlands		-.25**	-.29	-.22	12	
Austria		-.17*	-.29	-.04	15	
France		-.26	--	--	1	
Luxembourg		-.32	--	--	1	
Switzerland		-.18	--	--	1	
North America		Canada	-.29**	-.35	-.24	44
	Mexico	-.31	--	--	1	
	United States	-.26**	-.28	-.24	344	
South America	Brazil	-.13	-.34	.10	25	
	Uruguay	-.34	--	--	1	

Note. * $p < .05$; ** $p < .001$; Countries with 1 effect size do not have confidence intervals or significance tests.

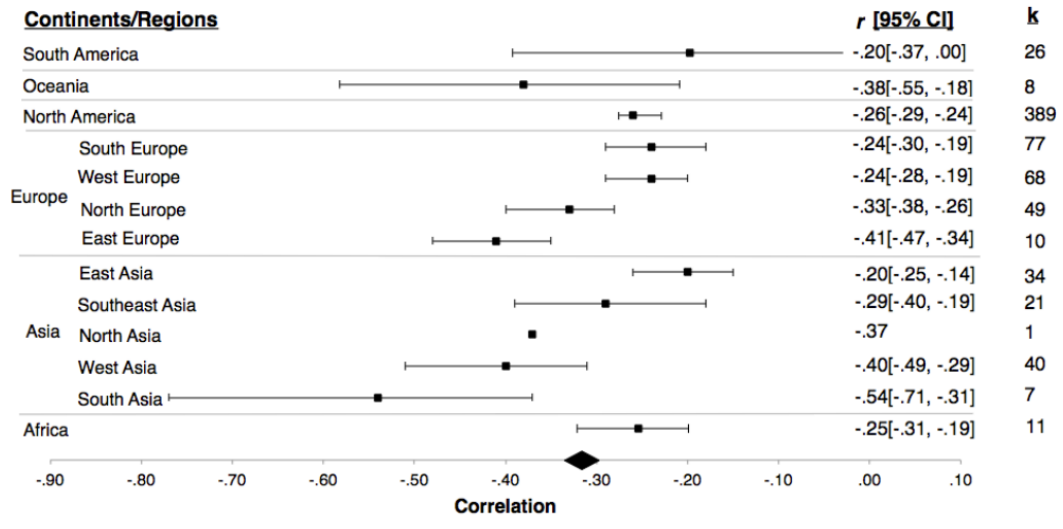


Figure S1. Average Effect Sizes for Continent and Region Moderators.

Table S3
Multi-level Model Results for Continent/Region Moderator Analyses

Moderator	$F(df1, df2)$	Between-study variance (Level-1)	Within-study variance (Level-2)	$QE(df)$	I^2
Africa	0.52(2, 8)	.004	.004	14.97(8)	33.20%
Asia	3.59(4, 98)*	.02	.02	1658.10(98)**	93.85%
Europe	3.13(3, 200)*	.01	.02	2471.58(200)**	91.79%
North America	0.52(2, 386)	.003	.01	1533.92(386)**	74.71%
Oceania	0.85(1, 6)	.00	.06	45.99(6)**	84.78%
South America	1.09(1, 24)	.01	.03	49.84(24)*	49.84%

Note. * $p < .05$; ** $p < .001$; F = omnibus test; df = degrees of freedom; QE = Residual Heterogeneity; I^2 = Heterogeneity Percentage.

Table S4

Univariate Pairwise Comparisons for Asia Regions and Europe Regions

Region	beta	95% CI		K
		LL	UL	
<i>Asia Regions</i>				
West Asia vs. Southeast Asia	.12	-.05	.28	61
West Asia vs. East Asia	.19*	.07	.31	74
West Asia vs. South Asia	-.17	-.46	.11	47
West Asia vs. North Asia	.005	-.47	.48	41
Southeast Asia vs. East Asia	.11	-.01	.23	55
Southeast Asia vs. South Asia	-.30*†	-.58	-.01	28
Southeast Asia vs. North Asia	-.11	-.58	.36	22
East Asia vs. South Asia	-.35**	-.52	-.18	41
East Asia vs. North Asia	-.21	-.51	.08	35
South Asia vs. North Asia	.19	-.37	.75	8
<i>Europe Regions</i>				
North Europe vs. South Europe	.07	-.02	.16	126
North Europe vs. East Europe	-.09	-.24	.06	59
North Europe vs. West Europe	.09	.01	.18	117
South Europe vs. East Europe	-.17	-.31	-.02	87
South Europe vs. West Europe	.01	-.07	.09	145
East Europe vs. West Europe	.18*	.05	.31	78

Note. * $p < .05$; ** $p < .001$; †predictor variables no longer significant after Benjamini-Hochberg multiple estimation corrections; CI = Confidence Interval; LL = Lower Level; UL = Upper Level.

Table S5
Key for Table 6 Final Codes

Variable Name and Code	Meaning
Pub (Publication Status)	
PUB	Published in journal
NOT	Not published in journal (i.e., thesis, dissertation, conference presentation, unpublished manuscript, submitted for publication, raw data, other)
<hr/>	
<i>Math Anxiety</i>	
Child Scale	
MARSE	Math Anxiety Rating Scale – Elementary
SEMA	Scale for Early Mathematics Anxiety
MASYC	Math Anxiety Scale for Young Children or similar
CMAQ	Children’s Math Anxiety Questionnaire
MAQ	Math Anxiety Questionnaire
OTH	Other Scale for Children
--	Not included in moderator
Adolescent/Adult Scale	
MARSB	Math Anxiety Rating Scale or MARS-based scale
ONE	One-item scale
FSMAS	Fennema Sherman Math Anxiety Scale
MARSA	Math Anxiety Rating Scale – Adolescents
PISA	Programme for International Student Assessment Math Anxiety Scale
AEQ	Achievement Emotion Questionnaire
BETZ	Math Anxiety Scale (BETZ)
MEECE	Math Anxiety Scale (MEECE)
BAI	Math Anxiety Scale (BAI)
OTH	Other scale
--	Not included in moderator
MvS Topic	
MATH	Math specific scale
STATS	Statistics specific scale
Anxiety Subscale	
WOR	Worry
EMO	Emotionality
WOR/EMO	Worry and emotionality
EVAL	Math evaluation anxiety
LEARN	Math learning anxiety
EVAL/LEARN	Math evaluation and learning anxiety
--	Not included in moderator

Math Achievement**Assessment**

HIGHSTAN	High stakes standardized measures
RESSTAN	Standardized measure
RESOTH	researcher-made non-Standardized assessment or other assessments
COURSE	Course grade
EXAM	Exam grade

Skill

ANS	Approximate number system
BASIC	Basic number knowledge
WHOLE	Whole number calculations
WORD	Word problem solving
FRACT	Fractions decimals percentage
GEO	Geometry
ALG	Algebra
STATS	Statistics, Data Analysis, & Probability
--	Not included in moderator

Demographics**Grade**

1-2	1 st -2 nd grade
3-5	3 rd -5 th grade
6-8	6 th -8 th grade
9-12	9 th -12 th grade
PS	Postsecondary school
ADULTS	Non-student adults

Continent

NAMER	North America
SAMER	South America
EUR	Europe
ASIA	Asia
AFRICA	Africa
OCEAN	Oceania
--	Not included in moderator

Gender

F	100% Female sample
M	100% Male sample
--	Not included in moderator

Race/Ethnicity

MTE 75 W	More than or equal to 75% White sample
LT 75 W	Less than 75% White sample
--	Not included in moderator

Low math ability

LOW

Low math ability sample

NOT

Not low math ability sample

Teachers

TEACH

Teacher sample

NOT

Not teacher sample

Table S6
Final Coded Information from Effect Sizes Used in Meta-Analysis

Authors	Year	r	n	Pub	Math Anxiety				Math Achievement		Demographics					
					Child Scale	Adol /Adult Scale	Mvs Topic	Component	Assessment	Skill	Grade	Gender	Continent	Race/Ethnicity	Low math	Teacher
Abu-Hilal	2000	-0.36	394	PUB	--	OTH	MATH	--	COURSE	--	6-8	--	ASIA	--	NOT	NOT
Abu-Hilal	2000	-0.40	394	PUB	--	OTH	MATH	--	COURSE	--	6-8	--	ASIA	--	NOT	NOT
Abu-Hilal	2000	-0.45	394	PUB	--	OTH	MATH	EMO	COURSE	--	6-8	--	ASIA	--	NOT	NOT
Ader & Erktin	2010	-0.47	751	PUB	--	OTH	MATH	--	HIGHSTAN	--	9-12	--	ASIA	--	NOT	NOT
Agus et al.	2016	0.11	127	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	0.03	127	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	0.02	173	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	-0.04	173	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	-0.13	376	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	-0.16	376	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	-0.02	127	PUB	--	--	STATS	EVAL	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	-0.04	173	PUB	--	--	STATS	EVAL	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Agus et al.	2016	-0.09	376	PUB	--	--	STATS	EVAL	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Aoude	2013	-0.16	120	NOT	--	BAI	MATH	--	COURSE	--	PS	--	ASIA	--	LOW	NOT
Ariapooran	2017	-0.26	63	PUB	--	BAI	MATH	--	RESOTH	--	9-12	F	ASIA	--	NOT	NOT
Ariapooran	2017	-0.30	63	PUB	--	BAI	MATH	--	RESOTH	--	9-12	F	ASIA	--	NOT	NOT
Arias	2016	-0.23	397	NOT	--	MARSB	MATH	--	RESSTAN	--	ADULTS	--	--	--	NOT	NOT
Auxter	2016	-0.34	121	NOT	--	OTH	MATH	--	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT
Auxter	2016	-0.33	121	NOT	--	OTH	MATH	--	RESOTH	WORD	PS	--	NAMER	LT 75 W	NOT	NOT
Ayotola & Adedeji	2009	-0.31	1099	PUB	--	BETZ	MATH	--	RESSTAN	--	9-12	--	AFRICA	--	NOT	NOT
Bai	2011	-0.38	647	PUB	--	BAI	MATH	--	RESSTAN	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Baloglu	2001	-0.38	246	NOT	--	MARSB	MATH	--	COURSE	--	PS	--	NAMER	--	NOT	NOT
Bandalos et al.	1995	-0.38	338	PUB	--	--	STATS	WOR	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Bandalos et al.	1995	-0.26	338	PUB	--	--	STATS	EMO	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Bangert	1995	-0.47	34	NOT	--	MARSB	MATH	EVAL/LE	RESSTAN	--	PS	--	NAMER	--	NOT	NOT
Barner et al.	2015	-0.40	98	PUB	CMAQ	--	MATH	--	RESOTH	BASIC	1-2	--	ASIA	--	NOT	NOT
Barner et al.	2015	-0.32	98	PUB	CMAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	ASIA	--	NOT	NOT
Barner et al.	2015	-0.41	98	PUB	CMAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	ASIA	--	NOT	NOT
Barner et al.	2015	-0.27	98	PUB	CMAQ	--	MATH	--	RESOTH	WHO LE	1-2	--	ASIA	--	NOT	NOT
Barner et al.	2016	-0.18	44	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.43	44	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.21	26	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.45	26	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.17	44	NOT	CMAQ	--	MATH	--	RESOTH	BASIC	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.31	44	NOT	CMAQ	--	MATH	--	RESOTH	BASIC	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.21	26	NOT	CMAQ	--	MATH	--	RESOTH	BASIC	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.46	26	NOT	CMAQ	--	MATH	--	RESOTH	BASIC	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.22	44	NOT	CMAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.22	44	NOT	CMAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT

Barner et al.	2016	-0.11	26	NOT	CMAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Barner et al.	2016	-0.55	26	NOT	CMAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Barroso	2017	-0.05	348	NOT	--	--	STATS	--	RESSTAN	STAT S	PS	--	NAMER	--	NOT	NOT
Barroso	2017	-0.17	347	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	STAT S	PS	--	NAMER	--	NOT	NOT
Barroso	2018	-0.35	230	NOT	--	MARSB	MATH	EVAL/LE ARN	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Barroso	2018	-0.17	230	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	STAT S	PS	--	NAMER	MTE 75 W	NOT	NOT
Batchelor	2016	-0.53	123	NOT	--	BETZ	MATH	--	COURSE	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Batchelor	2016	-0.54	123	NOT	--	BETZ	MATH	--	COURSE	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Beasley et al.	2001	-0.28	278	PUB	OTH	--	MATH	--	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Benedict	2016	-0.50	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.43	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.13	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	BASIC	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.18	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	BASIC	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.21	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.23	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.29	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Benedict	2016	-0.31	63	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Bessant	2000	-0.17	240	NOT	--	--	STATS	EVAL	COURSE	STAT S	PS	F	NAMER	--	NOT	NOT
Bessant	2000	-0.24	240	NOT	--	--	STATS	LEARN	COURSE	STAT S	PS	F	NAMER	--	NOT	NOT
Bessant	2000	-0.18	240	NOT	--	--	STATS	LEARN	COURSE	STAT S	PS	F	NAMER	--	NOT	NOT
Bessant	2000	-0.28	181	NOT	--	--	STATS	EVAL	COURSE	STAT S	PS	M	NAMER	--	NOT	NOT
Bessant	2000	-0.29	181	NOT	--	--	STATS	LEARN	COURSE	STAT S	PS	M	NAMER	--	NOT	NOT
Bessant	2000	-0.21	181	NOT	--	--	STATS	LEARN	COURSE	STAT S	PS	M	NAMER	--	NOT	NOT
Birenbaum & Eylath	1994	-0.26	151	PUB	--	OTH	MATH	--	RESSTAN	--	PS	F	ASIA	--	NOT	TEACH
Birenbaum & Eylath	1994	-0.38	151	PUB	--	OTH	MATH	--	COURSE	--	PS	F	ASIA	--	NOT	TEACH
Birenbaum & Eylath	1994	-0.57	151	PUB	--	OTH	MATH	--	COURSE	STAT S	PS	F	ASIA	--	NOT	TEACH
Birenbaum et al	1994	-0.25	151	PUB	--	OTH	MATH	--	RESSTAN	--	PS	F	ASIA	--	NOT	TEACH
Birenbaum et al	1994	-0.39	151	PUB	--	OTH	MATH	--	COURSE	--	PS	F	ASIA	--	NOT	TEACH
Birenbaum et al	1994	-0.11	151	PUB	--	OTH	MATH	--	COURSE	STAT S	PS	F	ASIA	--	NOT	TEACH
Brigin et al.	2010	-0.75	73	PUB	OTH	--	MATH	--	RESSTAN	--	6-8	--	ASIA	--	NOT	NOT

Brigin et al.	2010	-0.69	74	PUB	OTH	--	MATH	--	RESSTAN	--	6-8	--	ASIA	--	NOT	NOT
Brigin et al.	2010	-0.72	73	PUB	OTH	--	MATH	--	RESSTAN	--	6-8	--	ASIA	--	NOT	NOT
Bisse	1995	-0.51	350	NOT	--	BETZ	MATH	--	RESSTAN	--	PS	--	NAMER	--	NOT	NOT
Bisse	1995	-0.07	15	NOT	--	OTH	MATH	EVAL	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Bisse	1995	0.01	15	NOT	--	OTH	MATH	EVAL	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Bisse	1995	-0.09	15	NOT	--	OTH	MATH	EVAL	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Bisse	1995	-0.17	15	NOT	--	OTH	MATH	EVAL	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Bosmans & De Smedt	2015	-0.43	87	PUB	--	MARSA	MATH	--	HIGHSTAN	--	3-5	--	EUR	--	NOT	NOT
Bosmans & De Smedt	2015	-0.42	87	PUB	--	MARSA	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Braham & Libertus	2016	-0.22	85	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Braham & Libertus	2016	-0.19	86	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	PS	--	NAMER	MTE 75 W	NOT	NOT
Braham & Libertus	2016	-0.27	85	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	PS	--	NAMER	MTE 75 W	NOT	NOT
Buelow & Barnhart	2017	-0.16	137	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	PS	--	NAMER	--	NOT	NOT
Buelow & Frakey	2013	-0.28	172	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	PS	--	NAMER	MTE 75 W	NOT	NOT
Bull	2009	-0.34	58	PUB	--	ONE	MATH	EVAL	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Bull	2009	-0.22	58	PUB	--	ONE	MATH	EVAL	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Canu et al.	2017	-0.29	272	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Cargnelutti et al.	2017	-0.61	198	PUB	SEMA	--	MATH	--	RESSTAN	BASIC	1-2	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	-0.01	198	PUB	SEMA	--	MATH	--	RESOTH	WHO LE	1-2	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	-0.04	198	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	1-2	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	0.12	80	PUB	SEMA	--	MATH	--	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	-0.36	80	PUB	SEMA	--	MATH	--	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	0.21	80	PUB	SEMA	--	MATH	--	RESSTAN	BASIC	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	-0.12	80	PUB	SEMA	--	MATH	--	RESOTH	WHO LE	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	0.14	80	PUB	SEMA	--	MATH	--	RESOTH	WHO LE	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	-0.31	80	PUB	SEMA	--	MATH	--	RESOTH	WHO LE	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	0.22	80	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	0.24	80	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	3-5	--	EUR	--	NOT	NOT
Cargnelutti et al.	2017	-0.31	80	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	3-5	--	EUR	--	NOT	NOT
Casad et al.	2015	-0.37	683	PUB	--	OTH	MATH	--	COURSE	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Casad et al.	2015	-0.39	713	PUB	--	OTH	MATH	--	COURSE	--	6-8	F	NAMER	LT 75 W	NOT	NOT
Casad et al.	2015	-0.37	629	PUB	--	OTH	MATH	--	COURSE	--	6-8	M	NAMER	LT 75 W	NOT	NOT
Casey et al.	1997	-0.10	94	PUB	--	MEECE	MATH	WOR/EM O	HIGHSTAN	--	9-12	--	NAMER	MTE 75 W	NOT	NOT
Casey et al.	1997	-0.20	94	PUB	--	MEECE	MATH	WOR/EM O	COURSE	GEO	9-12	--	NAMER	MTE 75 W	NOT	NOT
Catapano	2013	-0.20	84	NOT	--	PISA	MATH	--	HIGHSTAN	ALG	9-12	--	NAMER	MTE 75 W	NOT	NOT

Catlioglu et al.	2014	-0.43	480	PUB	--	OTH	MATH	--	COURSE	--	PS	--	ASIA	--	NOT	TEACH
Caviola et al.	2017	-0.11	1012	PUB	--	MARSB	MATH	EVAL	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.11	1012	PUB	--	MARSB	MATH	LEARN	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.17	1010	PUB	--	MARSB	MATH	EVAL	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.21	1010	PUB	--	MARSB	MATH	EVAL	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.20	1009	PUB	--	MARSB	MATH	EVAL	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.16	1010	PUB	--	MARSB	MATH	LEARN	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.22	1010	PUB	--	MARSB	MATH	LEARN	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Caviola et al.	2017	-0.19	1009	PUB	--	MARSB	MATH	LEARN	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Cheema & Sheridan	2015	-0.39	4978	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	NAMER	LT 75 W	NOT	NOT
Cheung	2017	-0.31	5177	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Cheung	2017	-0.32	4670	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Cheung	2017	-0.21	5033	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Cheung	2017	-0.41	5546	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Cheung	2017	-0.28	6046	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Chiesi & Primi	2010	-0.13	487	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.20	487	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.14	487	PUB	--	--	STATS	EVAL/LE ARN	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.06	487	PUB	--	--	STATS	--	COURSE	--	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.06	487	PUB	--	--	STATS	--	COURSE	--	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.08	487	PUB	--	--	STATS	EVAL/LE ARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.15	487	PUB	--	--	STATS	--	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.25	487	PUB	--	--	STATS	--	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.18	487	PUB	--	--	STATS	EVAL/LE ARN	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.21	487	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.11	487	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Chiesi & Primi	2010	-0.13	487	PUB	--	--	STATS	EVAL/LE ARN	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Chiesi et al.	2011	-0.19	410	PUB	--	--	STATS	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Cipora et al.	2015	-0.26	809	PUB	--	MARSB	MATH	EVAL	COURSE	--	PS	--	EUR	--	NOT	NOT
Cipora et al.	2015	-0.36	809	PUB	--	MARSB	MATH	EVAL	COURSE	--	PS	--	EUR	--	NOT	NOT
Cipora et al.	2015	-0.35	798	PUB	--	MARSB	MATH	EVAL	COURSE	--	PS	--	EUR	--	NOT	NOT
Cipora et al.	2015	-0.30	809	PUB	--	MARSB	MATH	LEARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Cipora et al.	2015	-0.28	809	PUB	--	MARSB	MATH	LEARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Cipora et al.	2015	-0.32	798	PUB	--	MARSB	MATH	LEARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Coates	1998	-0.28	246	NOT	--	MARSB	MATH	EVAL/LE ARN	HIGHSTAN	--	PS	--	NAMER	--	NOT	NOT
Cook	1997	-0.06	186	NOT	--	MARSB	MATH	--	COURSE	ALG	PS	--	NAMER	MTE 75 W	NOT	NOT
Cook	1997	-0.07	151	NOT	--	MARSB	MATH	--	COURSE	ALG	PS	--	NAMER	MTE 75 W	NOT	NOT

Conlon et al.	2018	-0.19	53	NOT	--	MARSB	MATH	EVAL	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT
Conlon et al.	2018	-0.15	53	NOT	--	MARSB	MATH	LEARN	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT
Cortina	1995	-0.17	165	NOT	--	MEECE	MATH	WOR/EM	RESOTH	STAT	PS	--	NAMER	--	NOT	NOT
Cortina	1995	-0.21	165	NOT	--	MEECE	MATH	WOR/EM	RESOTH	STAT	PS	--	NAMER	--	NOT	NOT
Cortina	1995	-0.22	165	NOT	--	MEECE	MATH	WOR/EM	RESOTH	STAT	PS	--	NAMER	--	NOT	NOT
D'Aloisio	2016	-0.20	219	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
D'Aloisio	2016	-0.20	202	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
D'Aloisio	2016	-0.32	202	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
D'Aloisio	2016	-0.32	182	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
D'Aloisio	2016	-0.23	221	NOT	--	OTH	MATH	--	COURSE	--	PS	--	NAMER	LT 75 W	NOT	NOT
D'Aloisio	2016	-0.45	202	NOT	--	OTH	MATH	--	COURSE	--	PS	--	NAMER	LT 75 W	NOT	NOT
Daches Cohen & Rubinsten	2017	-0.28	27	PUB	--	MARSB	MATH	EVAL/LE	RESSTAN	WHO	6-8	--	ASIA	--	NOT	NOT
Daches Cohen & Rubinsten	2017	-0.42	27	PUB	--	MARSB	MATH	EVAL/LE	RESSTAN	WHO	6-8	--	ASIA	--	NOT	NOT
Davis	2009	-0.13	290	NOT	--	MARSB	MATH	EVAL/LE	COURSE	--	PS	--	NAMER	LT 75 W	NOT	NOT
Davis	2009	-0.17	290	NOT	--	MARSB	MATH	EVAL/LE	COURSE	--	PS	--	NAMER	LT 75 W	NOT	NOT
Devine et al.	2012	-0.35	165	PUB	--	MARSB	MATH	EVAL/LE	RESOTH	WHO	6-8	F	EUR	--	NOT	NOT
Devine et al.	2012	-0.18	268	PUB	--	MARSB	MATH	EVAL/LE	RESOTH	WHO	6-8	M	EUR	--	NOT	NOT
Devine et al.	2018	-0.29	830	PUB	MARSE	--	MATH	EVAL/LE	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Devine et al.	2018	-0.16	238	PUB	--	MARSA	MATH	EVAL/LE	RESSTAN	--	6-8	--	EUR	--	NOT	NOT
Devine et al.	2018	-0.32	689	PUB	--	MARSA	MATH	EVAL/LE	RESSTAN	--	6-8	--	EUR	--	NOT	NOT
Donelle	2007	-0.11	140	NOT	--	MARSB	MATH	EVAL/LE	RESSTAN	--	ADULTS	--	NAMER	--	NOT	NOT
Donelle	2007	-0.27	140	NOT	--	MARSB	MATH	EVAL/LE	RESSTAN	--	ADULTS	--	NAMER	--	NOT	NOT
Donelle	2007	-0.38	140	NOT	--	MARSB	MATH	EVAL/LE	RESSTAN	--	ADULTS	--	NAMER	--	NOT	NOT
Douglas & LeFevre	2016	-0.43	90	NOT	--	MARSB	MATH	EVAL/LE	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Douglas & LeFevre	2016	-0.30	90	NOT	--	MARSB	MATH	EVAL/LE	RESOTH	BASIC	PS	--	NAMER	--	NOT	NOT
Douglas & LeFevre	2016	-0.37	90	NOT	--	MARSB	MATH	EVAL/LE	RESSTAN	WHO	PS	--	NAMER	--	NOT	NOT
Dutko	2015	-0.32	174	NOT	OTH	--	MATH	--	HIGHSTAN	--	3-5	--	NAMER	LT 75 W	NOT	NOT
Dutko	2015	-0.19	174	NOT	OTH	--	MATH	--	COURSE	--	3-5	--	NAMER	LT 75 W	NOT	NOT
Dutko	2015	-0.15	174	NOT	OTH	--	MATH	--	RESSTAN	WHO	3-5	--	NAMER	LT 75 W	NOT	NOT
Dutko	2015	-0.35	174	NOT	OTH	--	MATH	--	RESSTAN	WOR	3-5	--	NAMER	LT 75 W	NOT	NOT
Erturan & Jansen	2015	-0.23	98	PUB	OTH	--	MATH	--	RESSTAN	WHO	3-5	F	EUR	--	NOT	NOT
Erturan & Jansen	2015	-0.37	63	PUB	OTH	--	MATH	--	RESSTAN	WHO	6-8	F	EUR	--	NOT	NOT
Erturan & Jansen	2015	-0.07	110	PUB	OTH	--	MATH	--	RESSTAN	WHO	3-5	M	EUR	--	NOT	NOT

Erturan & Jansen	2015	-0.15	71	PUB	OTH	--	MATH	--	RESSTAN	WHO LE	6-8	M	EUR	--	NOT	NOT
Fannin-Carroll	2014	0.01	185	NOT	--	MARSB	MATH	EVAL/LE ARN	COURSE	--	PS	--	NAMER	LT 75 W	NOT	NOT
Farnsworth	2009	-0.55	93	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Farnsworth	2009	-0.56	93	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Farquharson	2004	0.01	89	NOT	--	MARSB	MATH	--	EXAM	ALG	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	0.07	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	0.01	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	0.01	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	0.00	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	-0.03	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	-0.15	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Faust et al.	1996	-0.20	108	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	NAMER	--	NOT	NOT
Federici & Skaalvik	2014	-0.30	309	PUB	--	OTH	MATH	EMO	COURSE	--	9-12	--	EUR	--	NOT	NOT
Ferla et al.	2009	-0.24	8796	PUB	--	MEECE	MATH	WOR	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Ferla et al.	2009	-0.42	8796	PUB	--	MEECE	MATH	WOR	COURSE	--	9-12	--	EUR	--	NOT	NOT
Finney & Schraw	2003	-0.27	103	PUB	--	--	STATS	WOR/EM O	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Finney & Schraw	2003	-0.47	103	PUB	--	--	STATS	WOR/EM O	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Foley	2015	-0.42	40	NOT	--	OTH	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Frenzel et al.	2007	-0.17	1017	PUB	--	AEQ	MATH	--	COURSE	--	6-8	F	EUR	--	NOT	NOT
Frenzel et al.	2007	-0.15	1036	PUB	--	AEQ	MATH	--	COURSE	--	6-8	M	EUR	--	NOT	NOT
Gan et al.	2016	-0.24	35	PUB	--	MARSB	MATH	--	RESOTH	--	PS	--	ASIA	--	NOT	NOT
Gan et al.	2016	-0.28	35	PUB	--	MARSB	MATH	--	RESOTH	--	PS	--	ASIA	--	NOT	NOT
Ganley	2014	-0.19	137	NOT	--	MARSB	MATH	EVAL	RESOTH	--	PS	F	NAMER	LT 75 W	NOT	NOT
Ganley	2014	-0.18	137	NOT	--	MARSB	MATH	LEARN	RESOTH	--	PS	F	NAMER	LT 75 W	NOT	NOT
Ganley	2014	-0.13	70	NOT	--	MARSB	MATH	EVAL	RESOTH	--	PS	M	NAMER	LT 75 W	NOT	NOT
Ganley	2014	-0.27	70	NOT	--	MARSB	MATH	LEARN	RESOTH	--	PS	M	NAMER	LT 75 W	NOT	NOT
Ganley & McGraw	2016	-0.06	281	PUB	MASYC	--	MATH	--	RESOTH	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ganley & McGraw	2016	-0.08	281	PUB	MASYC	--	MATH	--	RESOTH	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ganley & McGraw	2016	-0.13	281	PUB	MASYC	--	MATH	WOR	RESOTH	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ganley & McGraw	2016	-0.20	281	PUB	MASYC	--	MATH	WOR	RESOTH	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ganley & McGraw	2016	-0.14	281	PUB	MASYC	--	MATH	EMO	RESOTH	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ganley & McGraw	2016	-0.19	281	PUB	MASYC	--	MATH	EMO	RESOTH	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ganley et al.	2016	-0.23	61	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT

Ganley & Vasilveva	2011	-0.37	67	PUB	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	F	NAMER	MTE 75 W	NOT	NOT
Ganley & Vasilveva	2011	-0.48	67	PUB	--	FSMAS	MATH	--	COURSE	--	6-8	F	NAMER	MTE 75 W	NOT	NOT
Ganley & Vasilveva	2011	-0.41	47	PUB	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	M	NAMER	MTE 75 W	NOT	NOT
Ganley & Vasilveva	2011	-0.38	47	PUB	--	FSMAS	MATH	--	COURSE	--	6-8	M	NAMER	MTE 75 W	NOT	NOT
Gashaj & Roebbers	2015	-0.18	133	NOT	MAQ	--	MATH	--	HIGHSTAN	--	1-2	--	EUR	--	NOT	NOT
Geer & Ganley	2017	-0.09	251	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	WHO LE	PS	--	NAMER	LT 75 W	NOT	NOT
Gibson-Dee	2016	-0.28	214	NOT	--	BAI	MATH	--	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Gibson-Dee	2016	-0.18	214	NOT	--	BAI	MATH	--	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Gibson-Dee	2016	-0.18	214	NOT	--	BAI	MATH	--	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Gibson-Dee	2016	-0.27	214	NOT	--	BAI	MATH	--	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Gilligan et al.	2016	-0.21	151	NOT	CMAQ	--	MATH	--	HIGHSTAN	--	3-5	--	EUR	--	NOT	NOT
Gilligan et al.	2016	0.02	129	NOT	CMAQ	--	MATH	--	RESSTAN	ANS	3-5	--	EUR	--	NOT	NOT
Gilligan et al.	2016	-0.04	134	NOT	CMAQ	--	MATH	--	RESSTAN	BASIC	3-5	--	EUR	--	NOT	NOT
Gilligan et al.	2016	0.07	129	NOT	CMAQ	--	MATH	--	RESSTAN	BASIC	3-5	--	EUR	--	NOT	NOT
Gilligan et al.	2016	-0.11	105	NOT	CMAQ	--	MATH	--	RESSTAN	BASIC	3-5	--	EUR	--	NOT	NOT
Goetz et al.	2013	0.06	268	PUB	--	ONE	MATH	EVAL	EXAM	--	6-8	F	EUR	--	NOT	NOT
Goetz et al.	2013	-0.42	268	PUB	--	AEQ	MATH	EVAL	EXAM	--	6-8	F	EUR	--	NOT	NOT
Goetz et al.	2013	-0.27	59	PUB	--	ONE	MATH	LEARN	EXAM	--	9-12	F	EUR	--	NOT	NOT
Goetz et al.	2013	-0.23	59	PUB	--	ONE	MATH	LEARN	EXAM	--	9-12	F	EUR	--	NOT	NOT
Goetz et al.	2013	0.11	316	PUB	--	ONE	MATH	EVAL	EXAM	--	6-8	M	EUR	--	NOT	NOT
Goetz et al.	2013	-0.35	316	PUB	--	AEQ	MATH	EVAL	EXAM	--	6-8	M	EUR	--	NOT	NOT
Goetz et al.	2013	-0.10	52	PUB	--	ONE	MATH	LEARN	EXAM	--	9-12	M	EUR	--	NOT	NOT
Goetz et al.	2013	-0.15	52	PUB	--	ONE	MATH	LEARN	EXAM	--	9-12	M	EUR	--	NOT	NOT
Gonzalez et al.	2016	-0.62	468	PUB	--	AEQ	MATH	LEARN	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Gonzalez et al.	2016	-0.57	479	PUB	--	AEQ	MATH	LEARN	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Gorvine & Smith	2015	-0.19	173	PUB	--	OTH	MATH	--	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Guven & Cabakcor	2013	-0.35	115	PUB	--	OTH	MATH	--	RESOTH	--	6-8	--	ASIA	--	NOT	NOT
Hadfield et al.	1998	-0.44	48	PUB	--	MARSB	MATH	EVAL/LEARN	RESOTH	--	PS	--	--	--	NOT	TEACH
Hafner	2008	-0.21	123	NOT	--	MARSA	MATH	--	COURSE	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Hamid et al.	2013	-0.18	204	PUB	--	BAI	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Hamid et al.	2013	-0.26	204	PUB	--	BAI	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Hanna & Dempster	2009	-0.54	52	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Hanna & Dempster	2009	-0.41	52	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Hanna & Dempster	2009	-0.53	52	PUB	--	--	STATS	EVAL	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Harari et al.	2013	-0.15	106	PUB	MASYC	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Harari et al.	2013	-0.35	106	PUB	MASYC	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Harari et al.	2013	-0.28	106	PUB	MASYC	--	MATH	--	RESSTAN	BASIC	1-2	--	NAMER	LT 75 W	NOT	NOT
Harari et al.	2013	-0.30	106	PUB	MASYC	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Harding	2015	-0.23	58	NOT	--	MARSB	MATH	--	RESSTAN	STAT S	PS	--	NAMER	MTE 75 W	NOT	NOT

Harding	2015	-0.31	58	NOT	--	MARSB	MATH	--	RESSTAN	STAT S	PS	--	NAMER	MTE 75 W	NOT	NOT
Harding	2015	-0.18	57	NOT	--	MARSB	MATH	--	RESSTAN	STAT S	PS	--	NAMER	MTE 75 W	NOT	NOT
Harding	2015	-0.30	57	NOT	--	MARSB	MATH	--	RESSTAN	STAT S	PS	--	NAMER	MTE 75 W	NOT	NOT
Harding	2015	-0.34	55	NOT	--	MARSB	MATH	--	RESSTAN	STAT S	PS	--	NAMER	MTE 75 W	NOT	NOT
Harpole	1995	-0.53	19	NOT	--	MEECE	MATH	WOR/EM O	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Harpole	1995	-0.45	28	NOT	--	MEECE	MATH	WOR/EM O	RESSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Hart & Ganley	2017	-0.27	996	NOT	--	ONE	MATH	--	RESOTH	WHO LE	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart & Ganley	2017	-0.26	996	NOT	--	OTH	MATH	--	RESOTH	WHO LE	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart & Ganley	2017	-0.25	996	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	WHO LE	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart & Ganley	2017	-0.33	1000	NOT	--	ONE	MATH	--	RESSTAN	STAT S	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart & Ganley	2017	-0.31	1000	NOT	--	OTH	MATH	--	RESSTAN	STAT S	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart & Ganley	2017	-0.34	1000	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	STAT S	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart et al.	2016	-0.14	345	NOT	--	--	STATS	--	RESSTAN	STAT S	PS	--	NAMER	--	NOT	NOT
Hart et al.	2016	-0.15	342	NOT	--	MARSB	MATH	EVAL	RESSTAN	STAT S	PS	--	NAMER	--	NOT	NOT
Hart et al.	2016	-0.07	342	NOT	--	MARSB	MATH	LEARN EVAL/LE ARN	RESSTAN	STAT S	PS	--	NAMER	--	NOT	NOT
Hart, Daucourt, & Ganley	2017	0.02	85	PUB	--	MARSB	MATH	EVAL/LE ARN	COURSE	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Hart, Daucourt, & Ganley	2017	-0.13	85	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	ANS	PS	--	NAMER	MTE 75 W	NOT	NOT
Hart, Ganley, & Purpura	2016	-0.14	339	PUB	--	OTH	MATH	--	RESSTAN	ANS	ADULTS	--	NAMER	MTE 75 W	NOT	NOT
Hart, Logan et al.	2016	-0.31	506	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Hart, Logan et al.	2016	-0.06	484	PUB	MARSE	--	MATH	--	RESSTAN	ANS	6-8	--	NAMER	MTE 75 W	NOT	NOT
Hart, Logan et al.	2016	-0.14	475	PUB	MARSE	--	MATH	--	RESSTAN	BASIC WHO LE	6-8	--	NAMER	MTE 75 W	NOT	NOT
Hart, Logan et al.	2016	-0.24	502	PUB	MARSE	--	MATH	--	RESSTAN	WHO LE	6-8	--	NAMER	MTE 75 W	NOT	NOT
Hart, Logan et al.	2016	-0.30	493	PUB	MARSE	--	MATH	--	RESSTAN	WHO LE	6-8	--	NAMER	MTE 75 W	NOT	NOT
Helming	2013	-0.04	138	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	LOW	NOT
Helming	2013	-0.04	138	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	LOW	NOT
Helming	2013	-0.11	138	NOT	--	OTH	MATH	EVAL	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	LOW	NOT
Helming	2013	-0.16	323	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Helming	2013	-0.18	323	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT

Helming	2013	-0.12	213	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Helming	2013	-0.21	213	NOT	--	OTH	MATH	--	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Helming	2013	-0.30	323	NOT	--	OTH	MATH	EVAL	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Helming	2013	-0.23	213	NOT	--	OTH	MATH	EVAL	HIGHSTAN	--	PS	--	NAMER	MTE 75 W	NOT	NOT
Henschel & Roick	2017	-0.68	368	PUB	MARSE	--	MATH	WOR	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Henschel & Roick	2017	-0.52	368	PUB	MARSE	--	MATH	EMO	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Hill et al.	2016	-0.13	322	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	3-5	F	EUR	--	NOT	NOT
Hill et al.	2016	-0.34	148	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	6-8	F	EUR	--	NOT	NOT
Hill et al.	2016	-0.07	317	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	3-5	M	EUR	--	NOT	NOT
Hill et al.	2016	-0.28	194	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	6-8	M	EUR	--	NOT	NOT
Hoffman	2010	-0.38	70	PUB	--	BETZ	MATH	--	RESOTH	WHO LE	PS	--	NAMER	LT 75 W	NOT	TEACH
Hoffman	2010	-0.42	70	PUB	--	BETZ	MATH	--	RESOTH	WHO LE	PS	--	NAMER	LT 75 W	NOT	TEACH
Hong & Karstensson	2002	-0.43	298	PUB	--	OTH	MATH	LEARN	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Hong & Karstensson	2002	-0.55	298	PUB	--	OTH	MATH	LEARN	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Hoover & Healy	2017	-0.14	20	PUB	--	ONE	MATH	--	RESOTH	WOR D	PS	--	NAMER	--	NOT	NOT
Hoover & Healy	2017	-0.35	20	PUB	--	ONE	MATH	--	RESOTH	WOR D	PS	--	NAMER	--	NOT	NOT
Hoover & Healy	2017	-0.11	20	PUB	--	ONE	MATH	--	RESOTH	WOR D	ADULTS	--	NAMER	--	NOT	NOT
Hoover & Healy	2017	-0.49	20	PUB	--	ONE	MATH	--	RESOTH	WOR D	ADULTS	--	NAMER	--	NOT	NOT
Hopko et al.	2005	-0.26	100	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	PS	--	NAMER	MTE 75 W	NOT	NOT
Hunt et al.	2017	-0.10	77	PUB	OTH	--	MATH	--	RESSTAN	--	6-8	--	EUR	--	NOT	NOT
Hunt et al.	2017	-0.26	77	PUB	OTH	--	MATH	--	RESSTAN	--	6-8	--	EUR	--	NOT	NOT
Hunt et al.	2015	0.08	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	0.01	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	-0.01	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	-0.02	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	-0.05	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	-0.05	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	-0.10	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hunt et al.	2015	-0.12	78	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Hurst & Cordes	2012	0.03	29	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	FRAC T	PS	--	NAMER	--	NOT	NOT
Hurst & Cordes	2012	-0.06	29	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	FRAC T	PS	--	NAMER	--	NOT	NOT
Hurst & Cordes	2013	-0.48	24	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	FRAC T	PS	--	NAMER	--	NOT	NOT
Hurst & Cordes	2013	-0.47	22	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	FRAC T	PS	--	NAMER	--	NOT	NOT
Hurst & Cordes	2012	-0.41	29	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	GEO	PS	--	NAMER	--	NOT	NOT

Hurst & Cordes	2013	-0.27	24	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	GEO	PS	--	NAMER	--	NOT	NOT
Hurst & Cordes	2012	-0.22	29	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	ALG	PS	--	NAMER	--	NOT	NOT
Hurst & Cordes	2013	-0.50	24	NOT	--	MARSB	MATH	EVAL/LE ARN	RESOTH	ALG	PS	--	NAMER	--	NOT	NOT
Hutt	2007	-0.18	100	NOT	--	BETZ	MATH	--	COURSE	--	PS	--	NAMER	--	NOT	NOT
Hutt	2007	0.01	154	NOT	--	BETZ	MATH	--	COURSE	--	PS	--	NAMER	--	NOT	NOT
Hutt	2007	-0.01	154	NOT	--	BETZ	MATH	--	COURSE	--	PS	--	NAMER	--	NOT	NOT
Imbo & Bandierendonck	2007	-0.01	60	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	PS	--	EUR	--	NOT	NOT
Imbo & Bandierendonck	2007	-0.32	60	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	PS	--	EUR	--	NOT	NOT
Imbo & Vandierendonck	2007	-0.19	63	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Iossi	2009	-0.20	260	NOT	--	MARSB	MATH	EVAL/LE ARN	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Iossi	2009	-0.18	181	NOT	--	MARSB	MATH	EVAL/LE ARN	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Iossi	2009	-0.25	172	NOT	--	MARSB	MATH	EVAL/LE ARN	EXAM	ALG	PS	--	NAMER	--	NOT	NOT
Iossi	2009	-0.10	117	NOT	--	MARSB	MATH	EVAL/LE ARN	EXAM	ALG	PS	--	NAMER	--	NOT	NOT
Ironsmith et al.	2003	-0.21	102	PUB	--	FSMAS	MATH	--	HIGHSTAN	--	PS	--	NAMER	--	NOT	NOT
Ironsmith et al.	2003	-0.16	101	PUB	--	FSMAS	MATH	--	HIGHSTAN	--	PS	--	NAMER	--	NOT	NOT
Ironsmith et al.	2003	-0.42	117	PUB	--	FSMAS	MATH	--	COURSE	--	PS	--	NAMER	--	NOT	NOT
Ironsmith et al.	2003	-0.40	105	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	NAMER	--	NOT	NOT
Jameson	2013	-0.19	438	PUB	OTH	--	MATH	--	RESSTAN	WHO LE	3-5	--	NAMER	MTE 75	NOT	NOT
Jamieson et al.	2016	-0.34	93	PUB	--	MARSB	MATH	EVAL	EXAM	--	PS	--	NAMER	LT 75 W	NOT	NOT
Jamieson et al.	2016	-0.38	93	PUB	--	MARSB	MATH	LEARN	EXAM	--	PS	--	NAMER	LT 75 W	NOT	NOT
Jansen et al.	2013	-0.18	56	PUB	OTH	--	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Jansen et al.	2013	-0.24	56	PUB	OTH	--	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Jansen et al.	2013	-0.19	56	PUB	OTH	--	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Jansen et al.	2013	-0.25	56	PUB	OTH	--	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Jansen et al.	2016	-0.33	521	PUB	OTH	--	MATH	--	RESOTH	WHO LE	ADULTS	--	EUR	--	NOT	NOT
Jenben et al.	2015	-0.27	354	PUB	--	BAI	MATH	--	RESOTH	--	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.30	354	PUB	--	BAI	MATH	--	RESOTH	--	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.30	354	PUB	--	BAI	MATH	--	RESOTH	--	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.36	354	PUB	--	BAI	MATH	--	RESOTH	--	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.34	354	PUB	--	BAI	MATH	--	RESOTH	GEO	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.38	354	PUB	--	BAI	MATH	--	RESOTH	GEO	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.24	354	PUB	--	BAI	MATH	--	RESOTH	STAT S	PS	--	EUR	--	NOT	TEACH
Jenben et al.	2015	-0.32	354	PUB	--	BAI	MATH	--	RESOTH	STAT S	PS	--	EUR	--	NOT	TEACH
Justicia-Galiano et al.	2017	-0.27	167	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	--	3-5	--	EUR	--	NOT	NOT
Justicia-Galiano et al.	2017	-0.26	167	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT

Justicia-Galiano et al.	2016	-0.19	187	PUB	--	--	STATS	--	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Justicia-Galiano et al.	2016	-0.22	187	PUB	--	MARSB	MATH	EVAL/LEARN	COURSE	STAT S	PS	--	EUR	--	NOT	NOT
Karimi & Venkatesan	2009	-0.49	424	PUB	--	MARSB	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Karimi & Venkatesan	2009	-0.55	424	PUB	--	MARSB	MATH	EVAL	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Keeley et al.	2008	-0.02	76	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.19	76	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.03	69	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.04	69	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.11	69	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.19	68	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.19	63	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.22	63	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.30	63	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.31	63	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.09	61	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.27	61	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	0.04	76	PUB	--	--	STATS	EVAL/LEARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.08	69	PUB	--	--	STATS	EVAL/LEARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.10	69	PUB	--	--	STATS	EVAL/LEARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.25	63	PUB	--	--	STATS	EVAL/LEARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.18	62	PUB	--	--	STATS	EVAL/LEARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Keeley et al.	2008	-0.20	61	PUB	--	--	STATS	EVAL/LEARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Khabiri	1993	-0.14	216	NOT	--	OTH	MATH	--	RESOTH	--	9-12	--	NAMER	--	NOT	NOT
Khabiri	1993	-0.14	216	NOT	--	OTH	MATH	--	RESOTH	--	9-12	--	NAMER	--	NOT	NOT
Khabiri	1993	-0.22	216	NOT	--	OTH	MATH	--	RESOTH	--	9-12	--	NAMER	--	NOT	NOT
Khabiri	1993	-0.23	216	NOT	--	OTH	MATH	--	RESOTH	--	9-12	--	NAMER	--	NOT	NOT
Khabiri	1993	-0.29	216	NOT	--	OTH	MATH	--	RESOTH	--	9-12	--	NAMER	--	NOT	NOT
Khabiri	1993	-0.29	216	NOT	--	OTH	MATH	--	RESOTH	--	9-12	--	NAMER	--	NOT	NOT
Kim & McLean	1994	-0.19	208	NOT	--	MARSB	MATH	EVAL	RESOTH	--	PS	--	ASIA	--	NOT	NOT
Kim & McLean	1994	-0.15	208	NOT	--	MARSB	MATH	EVAL	RESOTH	ALG	PS	--	ASIA	--	NOT	NOT
Kimber	2009	-0.23	304	NOT	--	MARSB	MATH	EVAL/LEARN	RESOTH	--	PS	--	NAMER	MTE 75	NOT	TEACH
Kimber	2009	-0.30	29	NOT	--	MARSB	MATH	EVAL/LEARN	RESOTH	--	PS	--	NAMER	MTE 75	NOT	NOT

Koponen & Lasonen	1994	-0.35	882	PUB	--	OTH	MATH	--	COURSE	--	9-12	--	EUR	--	NOT	NOT
Kowalsky	2017	-0.29	124	NOT	--	MARSB	MATH	EVAL/LEARN	HIGHSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
Kowalsky	2017	0.10	162	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	ANS	PS	--	NAMER	LT 75 W	NOT	NOT
Kowalsky	2017	0.12	165	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	BASIC	PS	--	NAMER	LT 75 W	NOT	NOT
Kowalsky	2017	-0.01	117	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	WHO LE	PS	--	NAMER	LT 75 W	NOT	NOT
Krinzinger	2016	-0.17	103	NOT	MAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger	2016	0.05	69	NOT	MAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger	2016	-0.14	82	NOT	MAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger	2016	-0.20	89	NOT	MAQ	--	MATH	--	RESSTAN	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger	2016	-0.18	84	NOT	MAQ	--	MATH	--	RESSTAN	WHO LE	3-5	--	EUR	--	NOT	NOT
Krinzinger et al.	2009	-0.16	140	PUB	MAQ	--	MATH	--	RESOTH	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger et al.	2009	0.02	140	PUB	MAQ	--	MATH	--	RESOTH	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger et al.	2009	-0.04	140	PUB	MAQ	--	MATH	--	RESOTH	WHO LE	1-2	--	EUR	--	NOT	NOT
Krinzinger et al.	2009	-0.07	140	PUB	MAQ	--	MATH	--	RESOTH	WHO LE	3-5	--	EUR	--	NOT	NOT
Kyttala & Bjorn	2010	-0.19	116	PUB	--	MEECE	MATH	WOR	RESSTAN	--	6-8	--	EUR	--	NOT	NOT
Kyttala & Bjorn	2010	-0.23	116	PUB	--	MEECE	MATH	WOR	RESSTAN	--	6-8	--	EUR	--	NOT	NOT
Kyttala & Bjorn	2014	-0.08	32	PUB	--	MARSB	MATH	EVAL/LEARN	RESSTAN	WHO LE	6-8	F	EUR	--	NOT	NOT
Kyttala & Bjorn	2014	-0.36	32	PUB	--	MARSB	MATH	EVAL/LEARN	RESSTAN	WOR D	6-8	F	EUR	--	NOT	NOT
Kyttala & Bjorn	2014	-0.13	42	PUB	--	MARSB	MATH	EVAL/LEARN	RESSTAN	WHO LE	6-8	M	EUR	--	NOT	NOT
Kyttala & Bjorn	2014	-0.19	42	PUB	--	MARSB	MATH	EVAL/LEARN	RESSTAN	WOR D	6-8	M	EUR	--	NOT	NOT
Lai et al.	2015	-0.11	217	PUB	OTH	--	MATH	EVAL	EXAM	--	3-5	--	ASIA	--	NOT	NOT
Lai et al.	2015	-0.24	217	PUB	OTH	--	MATH	LEARN	EXAM	--	3-5	--	ASIA	--	NOT	NOT
Lalonde & Gardner	1993	-0.40	64	PUB	--	OTH	MATH	--	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.14	64	PUB	--	OTH	MATH	--	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.48	64	PUB	--	--	STATS	--	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.18	91	PUB	--	OTH	MATH	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.40	64	PUB	--	OTH	MATH	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.16	64	PUB	--	OTH	MATH	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.40	64	PUB	--	OTH	MATH	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lalonde & Gardner	1993	-0.49	91	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT

Lalonde & Gardner	1993	-0.45	64	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lauer et al.	2016	-0.16	529	NOT	--	CMAQ	MATH	--	RESSTAN	--	3-5	--	NAMER	LT 75 W	NOT	NOT
Lawson	1993	-0.16	112	NOT	--	BETZ	MATH	--	HIGHSTAN	--	PS	--	NAMER	LT 75 W	LOW	NOT
Lawson	1993	-0.17	112	NOT	--	BETZ	MATH	--	RESSTAN	ALG	PS	--	NAMER	LT 75 W	LOW	NOT
Leap	2013	0.25	40	NOT	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	NAMER	--	NOT	NOT
Lee	2009	-0.32	2998 3	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	NAMER	--	NOT	NOT
Lee	2009	-0.42	2795 3	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	NAMER	--	NOT	NOT
Lee	2009	-0.40	5456	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	NAMER	--	NOT	NOT
Lee	2009	-0.31	332	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	NAMER	--	NOT	NOT
Lee	2009	-0.33	4452	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	SAMER	--	NOT	NOT
Lee	2009	-0.35	5835	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	SAMER	--	NOT	NOT
Lee	2009	-0.33	4597	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.44	6320	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.51	4218	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.45	5796	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.27	4300	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.36	4627	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.34	4765	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.41	3350	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.38	3886	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.44	4627	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.33	3923	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.26	3992	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.50	4064	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.49	4385	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.37	4608	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.43	7346	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.31	1079 1	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.45	4264	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.33	9535	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.34	4405	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.35	1163 9	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.34	4660	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Lee	2009	-0.30	4478	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.31	1250	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.12	1076 1	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.16	4707	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.25	5444	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.39	5974	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.15	5236	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.33	4855	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--	NOT	NOT
Lee	2009	-0.19	4721	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	AFRICA	--	NOT	NOT
Lee	2009	-0.45	4511	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	OCEAN	--	NOT	NOT
Lee	2009	-0.37	1255 1	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	OCEAN	--	NOT	NOT
Lee & Cho	2018	0.02	76	PUB	--	OTH	MATH	EVAL/LEARN	RESOTH	--	PS	--	ASIA	--	NOT	NOT

Lee & Cho	2018	-0.08	76	PUB	--	OTH	MATH	EVAL/LE ARN	RESOTH	ANS	PS	--	ASIA	--	NOT	NOT
Lee & Cho	2018	0.09	76	PUB	--	OTH	MATH	EVAL/LE ARN	RESOTH	WHO LE	PS	--	ASIA	--	NOT	NOT
LeFevre et al.	2014	-0.31	693	NOT	--	ONE	MATH	--	RESSTAN	WHO LE	PS	--	NAMER	--	NOT	NOT
Lester	2007	-0.16	71	PUB	--	MARSB	MATH	EVAL/LE ARN	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Lester	2016	0.01	93	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lester	2016	0.01	93	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lester	2016	0.02	93	PUB	--	--	STATS	EVAL/LE ARN	EXAM	STAT S	PS	--	NAMER	--	NOT	NOT
Lim & Chapman	2013	-0.50	1027	PUB	--	FSMAS	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Lim & Chapman	2013	-0.50	1618	PUB	--	FSMAS	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Lim & Chapman	2015	-0.45	521	PUB	--	FSMAS	MATH	--	RESOTH	--	9-12	F	ASIA	--	NOT	NOT
Lim & Chapman	2015	-0.54	521	PUB	--	FSMAS	MATH	--	RESOTH	--	9-12	F	ASIA	--	NOT	NOT
Lim & Chapman	2015	-0.41	497	PUB	--	FSMAS	MATH	--	RESOTH	--	9-12	M	ASIA	--	NOT	NOT
Lim & Chapman	2015	-0.46	497	PUB	--	FSMAS	MATH	--	RESOTH	--	9-12	M	ASIA	--	NOT	NOT
Lindskog et al.	2017	-0.43	79	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	ANS	PS	--	--	--	NOT	NOT
Lindskog et al.	2017	-0.35	79	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	ANS	PS	--	--	--	NOT	NOT
Lloyd & Robertson	2012	-0.20	29	PUB	--	BETZ	MATH	--	COURSE	STAT S	PS	--	NAMER	--	NOT	NOT
Lukowski et al.	2016	-0.26	244	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Lukowski et al.	2016	-0.29	244	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Lukowski et al.	2016	-0.07	244	PUB	MARSE	--	MATH	EVAL	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Lukowski et al.	2016	-0.09	244	PUB	MARSE	--	MATH	EVAL	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Lukowski et al.	2016	-0.16	244	PUB	MARSE	--	MATH	LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Lukowski et al.	2016	-0.21	244	PUB	MARSE	--	MATH	LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Luo, Hogan, Tan, Kaur, Ng, & Chan	2014	-0.08	1196	PUB	--	PISA	MATH	--	HIGHSTAN	--	9-12	--	ASIA	--	NOT	NOT
Luo, Hogan, Tan, Kaur, Ng, & Chan	2014	-0.29	1196	PUB	--	PISA	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Luo, Lee, Ng, & Ong	2014	-0.36	273	PUB	--	AEQ	MATH	--	COURSE	--	6-8	--	ASIA	--	NOT	NOT
Macher et al.	2011	-0.21	147	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Macher et al.	2013	-0.04	284	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Maloney et al.	2015	-0.25	438	PUB	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	--	NOT	NOT
Maloney et al.	2015	-0.39	438	PUB	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	--	NOT	NOT
Maree et al.	2013	-0.42	222	PUB	--	OTH	MATH	--	EXAM	--	9-12	--	AFRICA	--	NOT	NOT
Maree et al.	2013	-0.19	213	PUB	--	OTH	MATH	--	EXAM	--	9-12	--	AFRICA	--	NOT	NOT
Maree et al.	2009	-0.30	1103	PUB	--	OTH	MATH	--	RESSTAN	--	6-8	--	AFRICA	--	NOT	NOT
McMullan et al.	2012	-0.39	228	PUB	--	BETZ	MATH	--	HIGHSTAN	--	PS	--	EUR	--	NOT	NOT
McMullan et al.	2012	-0.52	228	PUB	--	BETZ	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Melius	2012	-0.27	84	NOT	--	BAI	MATH	--	RESSTAN	--	ADULTS	--	NAMER	LT 75 W	NOT	TEACH
Merritt	2011	-0.22	188	NOT	--	MARSA	MATH	--	HIGHSTAN	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Miller & Bichsel	2004	-0.32	100	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	--	ADULTS	--	NAMER	--	NOT	NOT
Miller & Bichsel	2004	-0.41	100	PUB	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	WHO LE	ADULTS	--	NAMER	--	NOT	NOT

Mkhize & Maistry	2017	-0.10	128	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	AFRICA	--	NOT	TEACH
Mkhize & Maistry	2017	-0.15	112	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	AFRICA	--	NOT	TEACH
Mkhize & Maistry	2017	-0.25	62	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	AFRICA	--	NOT	TEACH
Mkhize & Maistry	2017	-0.19	53	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	AFRICA	--	NOT	TEACH
Mkhize & Maistry	2017	-0.25	31	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	AFRICA	--	NOT	TEACH
Mkhize & Maistry	2017	-0.29	27	PUB	--	FSMAS	MATH	--	EXAM	--	PS	--	AFRICA	--	NOT	TEACH
Morony et al.	2013	-0.27	7167	PUB	--	PISA	MATH	--	RESOTH	--	9-12	--	--	--	NOT	NOT
Morsanyi et al.	2012	-0.34	93	PUB	--	--	STATS	--	RESSTAN	--	PS	F	EUR	--	NOT	NOT
Morsanyi et al.	2014	-0.22	184	PUB	--	MARSB	MATH	EVAL/LEARN	COURSE	--	9-12	--	EUR	--	NOT	NOT
Morsanyi et al.	2014	-0.17	328	PUB	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	PS	F	EUR	--	NOT	NOT
Nasser	2004	-0.30	162	PUB	--	MARSB	MATH	--	RESOTH	--	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.11	162	PUB	--	--	STATS	--	RESOTH	--	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	0.06	162	PUB	--	--	STATS	--	RESOTH	--	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.16	162	PUB	--	MARSB	MATH	EVAL	RESOTH	--	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.34	162	PUB	--	MARSB	MATH	EVAL/LEARN	RESOTH	--	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.08	162	PUB	--	--	STATS	EVAL/LEARN	RESOTH	--	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	0.16	162	PUB	--	MARSB	MATH	--	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.20	162	PUB	--	MARSB	MATH	--	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	0.09	162	PUB	--	--	STATS	--	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	0.04	162	PUB	--	--	STATS	--	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.12	162	PUB	--	--	STATS	--	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.13	162	PUB	--	MARSB	MATH	EVAL	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.14	162	PUB	--	MARSB	MATH	EVAL	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.25	162	PUB	--	MARSB	MATH	LEARN	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.28	162	PUB	--	MARSB	MATH	LEARN	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.07	162	PUB	--	--	STATS	EVAL/LEARN	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser	2004	-0.10	162	PUB	--	--	STATS	EVAL/LEARN	EXAM	STATS	PS	--	ASIA	--	NOT	TEACH
Nasser & Birenbaum	2005	-0.37	283	PUB	--	OTH	MATH	--	HIGHSTAN	--	6-8	--	ASIA	--	NOT	NOT
Nasser & Birenbaum	2005	-0.17	195	PUB	--	OTH	MATH	--	HIGHSTAN	--	6-8	--	ASIA	--	NOT	NOT
Necka et al.	2015	-0.36	181	PUB	--	MARSB	MATH	--	RESOTH	WHO	PS	--	NAMER	--	NOT	NOT
Novak & Tassell	2015	-0.69	30	PUB	--	FSMAS	MATH	--	RESOTH	LE	PS	--	NAMER	--	NOT	TEACH
Novak & Tassell	2015	-0.60	30	PUB	--	FSMAS	MATH	--	RESOTH	WOR	PS	--	NAMER	--	NOT	TEACH
Novak & Tassell	2015	-0.44	30	PUB	--	FSMAS	MATH	--	RESOTH	D	PS	--	NAMER	--	NOT	TEACH
Novak & Tassell	2017	-0.56	47	PUB	--	FSMAS	MATH	--	RESOTH	GEO	PS	--	NAMER	--	NOT	NOT
Novak & Tassell	2017	-0.52	47	PUB	--	FSMAS	MATH	--	RESOTH	WOR	PS	--	NAMER	--	NOT	NOT
Novak & Tassell	2017	-0.57	47	PUB	--	FSMAS	MATH	--	RESOTH	D	PS	--	NAMER	--	NOT	NOT

Núñez-Peña Lab	2014	-0.38	96	PUB	--	MARSB	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2014	-0.29	61	PUB	--	ONE	MATH	--	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2014	-0.26	96	PUB	--	MARSB	MATH	EVAL	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2014	-0.29	96	PUB	--	MARSB	MATH	LEARN	RESSTAN	--	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2013	-0.13	262	PUB	--	MARSB	MATH	--	RESOTH	WHO LE	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2013	-0.11	247	PUB	--	ONE	MATH	--	RESOTH	WHO LE	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2013	-0.13	262	PUB	--	MARSB	MATH	EVAL	RESOTH	WHO LE	PS	--	EUR	--	NOT	NOT
Núñez-Peña Lab	2013	-0.06	262	PUB	--	MARSB	MATH	LEARN	RESOTH	WHO LE	PS	--	EUR	--	NOT	NOT
Ott	2010	-0.22	117	NOT	--	FSMAS	MATH	--	COURSE	--	PS	--	NAMER	LT 75 W	NOT	NOT
Owens	1994	-0.09	91	NOT	--	FSMAS	MATH	--	COURSE	ALG	PS	--	NAMER	W	NOT	NOT
Paechter et al.	2017	-0.13	225	PUB	--	MARSB	MATH	--	COURSE	--	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	0.00	225	PUB	--	--	STATS	--	COURSE	--	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.05	225	PUB	--	--	STATS	--	COURSE	--	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.33	225	PUB	--	MARSB	MATH	EVAL	COURSE	--	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.21	225	PUB	--	MARSB	MATH	LEARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.12	225	PUB	--	--	STATS	EVAL/LE ARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.01	225	PUB	--	MARSB	MATH	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.08	225	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.13	225	PUB	--	--	STATS	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.12	225	PUB	--	MARSB	MATH	EVAL	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	0.01	225	PUB	--	MARSB	MATH	LEARN	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Paechter et al.	2017	-0.12	225	PUB	--	--	STATS	EVAL/LE ARN	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Pajares	1996	-0.59	231	PUB	--	BETZ	MATH	--	COURSE	ALG	6-8	--	NAMER	--	NOT	NOT
Pajares	1996	-0.54	66	PUB	--	BETZ	MATH	--	COURSE	ALG	6-8	--	NAMER	--	NOT	NOT
Pajares	1996	-0.42	231	PUB	--	BETZ	MATH	--	EXAM	ALG	6-8	--	NAMER	--	NOT	NOT
Pajares	1996	-0.40	66	PUB	--	BETZ	MATH	--	EXAM	ALG	6-8	--	NAMER	--	NOT	NOT
Pajares & Graham	1999	-0.35	273	PUB	--	BETZ	MATH	--	RESSTAN	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Pajares & Graham	1999	-0.41	273	PUB	--	BETZ	MATH	--	RESSTAN	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Pajares & Graham	1999	-0.32	273	PUB	--	BETZ	MATH	--	RESOTH	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Pajares & Graham	1999	-0.40	273	PUB	--	BETZ	MATH	--	RESOTH	--	6-8	--	NAMER	LT 75 W	NOT	NOT
Pajares & Kranzler	1995	-0.46	329	PUB	--	BETZ	MATH	--	RESSTAN	--	9-12	--	NAMER	W	NOT	NOT
Park	2014	-0.22	229	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	F	NAMER	--	NOT	NOT
Park	2014	-0.21	229	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	F	NAMER	--	NOT	NOT
Park	2014	-0.42	229	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	F	NAMER	--	NOT	NOT
Park	2014	-0.45	229	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	F	NAMER	--	NOT	NOT
Park	2014	-0.39	193	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	M	NAMER	--	NOT	NOT
Park	2014	-0.40	193	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	M	NAMER	--	NOT	NOT
Park	2014	-0.41	193	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	M	NAMER	--	NOT	NOT
Park	2014	-0.46	193	NOT	CMAQ	--	MATH	--	RESSTAN	--	1-2	M	NAMER	--	NOT	NOT
Parks	2009	-0.01	15	NOT	--	MARSB	MATH	EVAL/LE ARN	RESSTAN	--	6-8	--	NAMER	--	NOT	TEACH

Parks	2009	-0.04	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	TEACH
Parks	2009	-0.29	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	TEACH
Parks	2009	-0.38	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	TEACH
Parks	2009	0.29	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	0.10	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	-0.10	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	-0.27	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	-0.35	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	-0.36	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	-0.57	15	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Parks	2009	-0.22	14	NOT	--	MARSB	MATH	EVAL/LEARN	RESSTAN	--	6-8	--	NAMER	--	NOT	NOT
Pearcy	1997	-0.16	67	NOT	--	MARSB	MATH	--	COURSE	ALG	PS	--	NAMER	MTE 75 W	NOT	NOT
Pletzer et al.	2010	-0.15	67	PUB	--	MARSB	MATH	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Pletzer et al.	2010	0.30	67	PUB	--	MARSB	MATH	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Pletzer et al.	2010	-0.23	45	PUB	--	MARSB	MATH	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Pletzer et al.	2010	-0.13	45	PUB	--	MARSB	MATH	--	EXAM	STAT S	PS	--	EUR	--	NOT	NOT
Prieto & Delgado	2007	-0.24	411	PUB	--	OTH	MATH	--	RESOTH	--	6-8	--	EUR	--	NOT	NOT
Prieto & Delgado	2007	-0.29	216	PUB	--	OTH	MATH	--	RESOTH	--	9-12	--	EUR	--	NOT	NOT
Radisic et al.	2015	-0.31	4405	PUB	--	PISA	MATH	--	HIGHSTAN	--	9-12	--	EUR	--	NOT	NOT
Radisic et al.	2015	-0.34	4405	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	EUR	--	NOT	NOT
Radisic et al.	2015	-0.28	4405	PUB	--	PISA	MATH	--	EXAM	--	9-12	--	EUR	--	NOT	NOT
Ramirez	2013	-0.57	60	NOT	--	MARSB	MATH	--	RESSTAN	--	ADULTS	--	NAMER	--	NOT	NOT
Ramirez	2017	-0.26	812	PUB	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ramirez	2017	-0.26	812	PUB	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W	NOT	NOT
Ramirez et al.	2016	-0.28	564	PUB	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	--	NOT	NOT
Ramirez et al.	2013	-0.14	162	PUB	CMAQ	--	MATH	--	RESSTAN	--	1-2	--	NAMER	--	NOT	NOT
Rayner et al.	2009	-0.48	32	PUB	--	MARSB	MATH	--	RESSTAN	FRAC T	PS	--	NAMER	--	NOT	TEACH
Rayner et al.	2009	-0.49	32	PUB	--	MARSB	MATH	--	RESSTAN	FRAC T	PS	--	NAMER	--	NOT	TEACH
Rayner et al.	2009	-0.18	32	PUB	--	MARSB	MATH	--	RESOTH	FRAC T	PS	--	NAMER	--	NOT	TEACH
Rayner et al.	2009	-0.32	32	PUB	--	MARSB	MATH	--	RESOTH	FRAC T	PS	--	NAMER	--	NOT	TEACH
Ribeiro et al.	2017	-0.35	15	PUB	--	OTH	MATH	--	RESSTAN	ANS	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	0.28	13	PUB	--	OTH	MATH	--	RESSTAN	ANS	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	-0.03	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	-0.02	13	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	-0.09	13	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	LOW	NOT

Ribeiro et al.	2017	-0.12	13	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	-0.12	13	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	-0.14	13	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	0.20	15	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	0.19	15	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	0.18	13	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	0.51	15	PUB	--	OTH	MATH	--	RESSTAN	WOR D	3-5	--	SAMER	--	LOW	NOT
Ribeiro et al.	2017	0.24	15	PUB	--	OTH	MATH	--	RESSTAN	ANS	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.09	15	PUB	--	OTH	MATH	--	RESSTAN	ANS	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	0.45	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	0.42	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.15	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.26	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.28	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.38	15	PUB	--	OTH	MATH	--	RESSTAN	BASIC	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.05	15	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.25	15	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.54	15	PUB	--	OTH	MATH	--	RESSTAN	WHO LE	3-5	--	SAMER	--	NOT	NOT
Ribeiro et al.	2017	-0.18	15	PUB	--	OTH	MATH	--	RESSTAN	WOR D	3-5	--	SAMER	--	NOT	NOT
Roberts & Vukovic	2011	-0.22	78	NOT	MASYC	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Roberts & Vukovic	2011	-0.31	78	NOT	MASYC	--	MATH	--	RESSTAN	ALG FRAC	1-2	--	NAMER	LT 75 W	NOT	NOT
Rolison et al.	2016	-0.50	210	PUB	--	OTH	MATH	--	RESSTAN	FRAC T	ADULTS	--	NAMER	--	NOT	NOT
Rolison et al.	2016	-0.37	201	PUB	--	OTH	MATH	--	RESSTAN	STAT S	ADULTS	--	NAMER	LT 75 W	NOT	NOT
Rushing Jr.	1996	-0.04	140	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	--	NAMER	--	NOT	NOT
Rushing Jr.	1996	-0.27	140	NOT	--	MARSB	MATH	EVAL	HIGHSTAN	--	PS	--	NAMER	--	NOT	NOT
Sandoz et al.	2017	-0.02	132	PUB	--	--	STATS	--	RESOTH	S	PS	--	NAMER	LT 75 W	NOT	NOT
Satake & Amato	1995	0.14	34	PUB	MARSE	--	MATH	--	COURSE	--	3-5	F	ASIA	--	NOT	NOT
Satake & Amato	1995	0.00	34	PUB	MARSE	--	MATH	--	COURSE	--	3-5	F	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.39	34	PUB	MARSE	--	MATH	--	COURSE	--	3-5	F	ASIA	--	NOT	NOT
Satake & Amato	1995	0.30	34	PUB	MARSE	--	MATH	EVAL	COURSE	--	3-5	F	ASIA	--	NOT	NOT
Satake & Amato	1995	0.34	40	PUB	MARSE	--	MATH	--	COURSE	--	6-8	F	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.39	40	PUB	MARSE	--	MATH	--	COURSE	--	6-8	F	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.43	40	PUB	MARSE	--	MATH	--	COURSE	--	6-8	F	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.43	40	PUB	MARSE	--	MATH	EVAL	COURSE	--	6-8	F	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.15	38	PUB	MARSE	--	MATH	--	COURSE	--	3-5	M	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.36	38	PUB	MARSE	--	MATH	--	COURSE	--	3-5	M	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.43	38	PUB	MARSE	--	MATH	--	COURSE	--	3-5	M	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.19	38	PUB	MARSE	--	MATH	EVAL	COURSE	--	3-5	M	ASIA	--	NOT	NOT
Satake & Amato	1995	0.47	42	PUB	MARSE	--	MATH	--	COURSE	--	6-8	M	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.13	42	PUB	MARSE	--	MATH	--	COURSE	--	6-8	M	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.39	42	PUB	MARSE	--	MATH	--	COURSE	--	6-8	M	ASIA	--	NOT	NOT
Satake & Amato	1995	-0.03	42	PUB	MARSE	--	MATH	EVAL	COURSE	--	6-8	M	ASIA	--	NOT	NOT

Schmitz et al.	2015	-0.33	103	NOT	--	MARSB	MATH	EVAL/LEARN	COURSE	--	PS	--	EUR	--	NOT	NOT
Schnell et al.	2013	-0.06	79	PUB	MAQ	--	MATH	--	COURSE	--	6-8	--	EUR	--	NOT	NOT
Schoeck	1994	0.04	80	NOT	--	MARSA	MATH	--	RESOTH	WHO	9-12	--	NAMER	--	NOT	NOT
Schommer-Aikens et al.	2015	-0.21	94	PUB	--	MARSB	MATH	EVAL/LEARN	COURSE	ALG	PS	--	NAMER	--	NOT	NOT
Schommer-Aikens et al.	2015	-0.16	94	PUB	--	MARSB	MATH	EVAL/LEARN	EXAM	ALG	PS	--	NAMER	--	NOT	NOT
Scott	2014	0.05	50	NOT	--	MEECE	MATH	WOR/EMO	RESOTH	ALG	6-8	--	NAMER	LT 75 W	NOT	NOT
Scott	2014	-0.03	50	NOT	--	MEECE	MATH	WOR/EMO	RESOTH	ALG	6-8	--	NAMER	LT 75 W	NOT	NOT
Scott	2003	0.00	91	NOT	--	MARSB	MATH	EVAL/LEARN	EXAM	STATS	PS	--	NAMER	LT 75 W	NOT	NOT
Scott	2003	-0.01	91	NOT	--	MARSB	MATH	EVAL/LEARN	EXAM	STATS	PS	--	NAMER	LT 75 W	NOT	NOT
Scott	2003	-0.22	91	NOT	--	MARSB	MATH	EVAL/LEARN	EXAM	STATS	PS	--	NAMER	LT 75 W	NOT	NOT
Seng	2015	0.43	140	PUB	--	MARSB	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Si et al.	2016	-0.19	221	PUB	OTH	--	MATH	--	RESSTAN	WHO	3-5	--	ASIA	--	NOT	NOT
Si et al.	2016	-0.35	215	PUB	OTH	--	MATH	--	RESSTAN	WHO	6-8	--	ASIA	--	NOT	NOT
Si et al.	2016	-0.31	203	PUB	--	MARSB	MATH	--	RESSTAN	WHO	PS	--	ASIA	--	NOT	NOT
Siebers	2015	-0.39	381	NOT	--	OTH	MATH	--	HIGHSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Skaalvik	2002	-0.27	295	PUB	--	OTH	MATH	WOR	EXAM	--	6-8	--	EUR	--	NOT	NOT
Solazzo	2008	-0.29	131	NOT	MARSE	--	MATH	EVAL	RESSTAN	--	3-5	--	NAMER	MTE 75 W	NOT	NOT
Solazzo	2008	-0.37	131	NOT	MARSE	--	MATH	EVAL	RESSTAN	--	3-5	--	NAMER	MTE 75 W	NOT	NOT
Solazzo	2008	-0.35	131	NOT	MARSE	--	MATH	EVAL	RESSTAN	WHO	3-5	--	NAMER	MTE 75 W	NOT	NOT
Soni & Kumari	2017	-0.70	595	PUB	--	MARSA	MATH	--	RESOTH	--	6-8	--	ASIA	--	NOT	NOT
Sowinski	2016	-0.26	151	NOT	--	OTH	MATH	--	RESOTH	--	PS	--	NAMER	--	NOT	NOT
Sowinski	2016	-0.08	151	NOT	--	OTH	MATH	--	RESOTH	ANS	PS	--	NAMER	--	NOT	NOT
Sowinski	2016	-0.19	151	NOT	--	OTH	MATH	--	RESSTAN	BASIC	PS	--	NAMER	--	NOT	NOT
Sowinski	2016	-0.15	151	NOT	--	OTH	MATH	--	RESSTAN	WHO	PS	--	NAMER	--	NOT	NOT
Sowinski	2016	-0.13	151	NOT	--	OTH	MATH	--	RESSTAN	WHO	PS	--	NAMER	--	NOT	NOT
Sowinski	2016	-0.21	151	NOT	--	OTH	MATH	--	RESSTAN	WHO	PS	--	NAMER	--	NOT	NOT
Sowinski	2016	-0.29	151	NOT	--	OTH	MATH	--	RESOTH	WHO	PS	--	NAMER	--	NOT	NOT
Sowinski et al.	2014	-0.22	391	NOT	--	ONE	MATH	--	RESSTAN	WHO	PS	--	NAMER	--	NOT	NOT
Standing et al.	2006	-0.14	146	PUB	--	OTH	MATH	--	RESSTAN	--	PS	--	--	--	NOT	NOT
Stankov et al.	2014	-0.33	598	PUB	--	PISA	MATH	--	RESOTH	--	9-12	--	ASIA	--	NOT	NOT
Steiner & Ashcraft	2012	-0.31	184	PUB	--	MARSB	MATH	--	RESSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
Steiner & Ashcraft	2012	-0.35	153	PUB	--	MARSB	MATH	--	RESSTAN	--	PS	--	NAMER	LT 75 W	NOT	NOT
Steiner & Ashcraft	2012	-0.33	184	PUB	--	MARSB	MATH	--	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT
Steiner & Ashcraft	2012	-0.27	177	PUB	--	MARSB	MATH	--	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT
Steiner & Ashcraft	2012	-0.34	153	PUB	--	MARSB	MATH	--	RESOTH	--	PS	--	NAMER	LT 75 W	NOT	NOT

Stiegelmeier	2012	-0.29	166	NOT	--	OTH	MATH	--	RESSTAN	--	PS	--	NAMER	W	MTE 75	NOT	TEACH
Suinn & Winston	2003	-0.31	124	PUB	--	MARSB	MATH	--	COURSE	--	PS	--	NAMER	--		NOT	NOT
Suinn & Winston	2003	-0.41	124	PUB	--	MARSB	MATH	--	COURSE	--	PS	--	NAMER	--		NOT	NOT
Suinn & Winston	2003	-0.34	124	PUB	--	MARSB	MATH	EVAL/LE ARN	COURSE	--	PS	--	NAMER	--		NOT	NOT
Suinn, Winston	2003	-0.46	124	PUB	--	MARSB	MATH	EVAL/LE ARN	COURSE	--	PS	--	NAMER	--		NOT	NOT
Thien & Ong	2015	-0.40	5546	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--		NOT	NOT
Thien & Ong	2015	-0.22	5197	PUB	--	PISA	MATH	--	RESSTAN	--	9-12	--	ASIA	--		NOT	NOT
Thompson et al.	2015	-0.53	118	PUB	--	FSMAS	MATH	--	RESOTH	--	PS	--	EUR	--		NOT	NOT
Thompson et al.	2015	-0.53	131	PUB	--	FSMAS	MATH	--	RESOTH	--	PS	--	EUR	--		NOT	NOT
Thompson et al.	2015	-0.46	76	PUB	--	FSMAS	MATH	--	RESOTH	--	PS	--	EUR	--		NOT	NOT
Tissot	1997	-0.23	168	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	--	NAMER	W	MTE 75	NOT	NOT
Tissot	1997	-0.26	265	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	--	NAMER	LT 75 W		NOT	NOT
Tissot	1997	-0.27	225	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	--	NAMER	LT 75 W		NOT	NOT
Tissot	1997	-0.37	76	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	--	NAMER	LT 75 W		NOT	NOT
Tissot	1997	-0.13	131	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	--	NAMER	LT 75 W		NOT	NOT
Tissot	1997	-0.25	119	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	--	NAMER	LT 75 W		NOT	NOT
Tissot	1997	-0.17	258	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	F	NAMER	LT 75 W		NOT	NOT
Tissot	1997	-0.30	232	NOT	--	FSMAS	MATH	--	HIGHSTAN	--	6-8	M	NAMER	LT 75 W		NOT	NOT
Tobias & Everson	1995	-0.29	51	NOT	--	FSMAS	MATH	--	RESOTH	--	3-5	--	NAMER	--		NOT	NOT
Townsend et al.	1998	-0.06	88	PUB	--	BETZ	MATH	--	COURSE	STAT S	PS	--	OCEAN	--		NOT	NOT
Townsend et al.	1998	-0.08	88	PUB	--	BETZ	MATH	--	COURSE	STAT S	PS	--	OCEAN	--		NOT	NOT
Treize & Reeve	2014	-0.57	76	PUB	--	OTH	MATH	WOR	RESSTAN	--	9-12	F	OCEAN	--		NOT	NOT
Treize & Reeve	2014	-0.59	65	PUB	--	OTH	MATH	WOR	RESSTAN	WHO LE	9-12	F	OCEAN	--		NOT	NOT
Treize & Reeve	2014	-0.49	76	PUB	--	OTH	MATH	WOR	RESOTH	ALG	9-12	F	OCEAN	--		NOT	NOT
Treize & Reeve	2014	-0.59	76	PUB	--	OTH	MATH	WOR	RESOTH	ALG	9-12	F	OCEAN	--		NOT	NOT
Tsao	2004	-0.42	155	PUB	--	FSMAS	MATH	--	RESSTAN	--	PS	--	NAMER	--		NOT	TEACH
Tsao	2004	-0.46	155	PUB	--	FSMAS	MATH	--	RESSTAN	--	PS	--	NAMER	--		NOT	TEACH
Tsao	2004	-0.47	155	PUB	--	FSMAS	MATH	--	RESSTAN	--	PS	--	NAMER	--		NOT	TEACH
Tubbs	2014	0.00	19	NOT	MARSE	--	MATH	--	RESOTH	ALG	6-8	--	NAMER	--		NOT	NOT
Tubbs	2014	-0.33	19	NOT	MARSE	--	MATH	--	RESOTH	ALG	6-8	--	NAMER	--		NOT	NOT
Van der Beek et al.	2017	-0.22	1014	PUB	--	PISA	MATH	--	RESOTH	--	9-12	--	EUR	--		NOT	NOT
Vidovic	1999	-0.38	175	PUB	OTH	--	MATH	--	COURSE	--	6-8	--	EUR	--		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.22	113	PUB	MASYC	--	MATH	--	RESSTAN	--	1-2	--	NAMER	LT 75 W		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.36	113	PUB	MASYC	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.32	113	PUB	MASYC	--	MATH	--	RESSTAN	GEO	1-2	--	NAMER	LT 75 W		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.12	113	PUB	MASYC	--	MATH	--	RESSTAN	--	3-5	--	NAMER	LT 75 W		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.32	113	PUB	MASYC	--	MATH	--	RESSTAN	WHO LE	3-5	--	NAMER	LT 75 W		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.28	113	PUB	MASYC	--	MATH	--	RESSTAN	GEO	3-5	--	NAMER	LT 75 W		NOT	NOT
Vukovic, Kieffer et al.	2013	-0.11	113	PUB	MASYC	--	MATH	--	RESSTAN	GEO	3-5	--	NAMER	LT 75 W		NOT	NOT

Vukovic, Roberts, & Green Wright	2013	-0.22	78	PUB	MASYC	--	MATH	--	RESSTAN	WHO LE	1-2	--	NAMER	LT 75 W	NOT	NOT
Vukovic, Roberts, & Green Wright	2013	-0.36	78	PUB	MASYC	--	MATH	--	RESOTH	WOR D	1-2	--	NAMER	LT 75 W	NOT	NOT
Vukovic, Roberts, & Green Wright	2013	-0.31	78	PUB	MASYC	--	MATH	--	RESSTAN	ALG	1-2	--	NAMER	LT 75 W	NOT	NOT
Wang et al.	2014	-0.17	506	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Wang et al.	2015	-0.19	219	PUB	--	MARSB	MATH	--	RESSTAN	--	PS	--	NAMER	--	NOT	NOT
Wang et al.	2015	-0.25	511	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Wang et al.	2015	-0.33	509	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Wang et al.	2015	-0.23	505	PUB	MARSE	--	MATH	--	RESSTAN	--	6-8	--	NAMER	MTE 75 W	NOT	NOT
Wang et al.	2015	-0.07	506	PUB	MARSE	--	MATH	--	RESSTAN	ANS	6-8	--	NAMER	MTE 75 W	NOT	NOT
Wang et al.	2015	-0.19	504	PUB	MARSE	--	MATH	--	RESSTAN	BASIC WHO	6-8	--	NAMER	MTE 75 W	NOT	NOT
Wang et al.	2015	-0.29	493	PUB	MARSE	--	MATH	--	RESSTAN	WHO	6-8	--	NAMER	MTE 75 W	NOT	NOT
Watts	2011	-0.33	41	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	F	NAMER	LT 75 W	NOT	NOT
Watts	2011	-0.12	66	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	M	NAMER	LT 75 W	NOT	NOT
Wilder	2012	-0.21	157	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	F	NAMER	--	NOT	NOT
Wilder	2012	-0.05	157	NOT	--	MARSB	MATH	EVAL	HIGHSTAN	--	PS	F	NAMER	--	NOT	NOT
Wilder	2012	-0.28	267	NOT	--	MARSB	MATH	--	HIGHSTAN	--	PS	M	NAMER	--	NOT	NOT
Wilder	2012	-0.09	267	NOT	--	MARSB	MATH	EVAL	HIGHSTAN	--	PS	M	NAMER	--	NOT	NOT
Williams	1994	-0.23	175	PUB	--	MEECE	MATH	WOR	HIGHSTAN	--	9-12	--	NAMER	MTE 75 W	NOT	NOT
Williams	1994	-0.40	175	PUB	--	MEECE	MATH	EMO	HIGHSTAN	--	9-12	--	NAMER	MTE 75 W	NOT	NOT
Wu et al.	2012	-0.20	162	PUB	SEMA	--	MATH	--	RESSTAN	--	1-2	--	NAMER	--	NOT	NOT
Wu et al.	2012	-0.29	162	PUB	SEMA	--	MATH	--	RESSTAN	--	1-2	--	NAMER	--	NOT	NOT
Wu et al.	2012	-0.46	162	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	1-2	--	NAMER	--	NOT	NOT
Wu et al.	2012	-0.38	162	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	1-2	--	NAMER	--	NOT	NOT
Wu et al.	2017	-0.38	330	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	1-2	--	NAMER	--	NOT	NOT
Wu et al.	2017	-0.23	330	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	1-2	--	NAMER	--	NOT	NOT
Wu et al.	2013	-0.38	366	PUB	SEMA	--	MATH	--	RESSTAN	WOR D	1-2	--	NAMER	--	NOT	NOT
Yañez-Marquina & Villardón-Gallego	2017	-0.16	563	PUB	--	OTH	MATH	--	RESOTH	--	6-8	--	EUR	--	NOT	NOT
Yañez-Marquina & Villardón-Gallego	2017	-0.37	563	PUB	--	OTH	MATH	EVAL	RESOTH	--	6-8	--	EUR	--	NOT	NOT
Yañez-Marquina & Villardón-Gallego	2017	-0.38	563	PUB	--	OTH	MATH	LEARN EVAL/LE	RESOTH	--	6-8	--	EUR	--	NOT	NOT
Zachai	1995	-0.27	111	NOT	--	MARSB	MATH	ARN	HIGHSTAN	--	PS	--	NAMER	--	NOT	NOT
Zakaria & Nordin	2007	-0.32	88	PUB	--	FSMAS	MATH	--	RESOTH	--	PS	--	ASIA	--	NOT	NOT
Zettle	2003	-0.15	24	PUB	--	MARSB	MATH	ARN	RESSTAN	WHO LE	PS	--	NAMER	LT 75 W	NOT	NOT

Note. Coding key for this table is provided in Table 6.

Table S7
Multi-level Model Results for Grade Level Moderator Analysis and Math Anxiety Topic Moderator Analysis Within Specific Content Areas

Moderator	<i>QE(df)</i>	<i>F(df1, df2)</i>	Between-study variance	Within-study variance
Grade level				
ANS	24.69(10)*	0.39(3, 10)	.00	.02
Basic Number Knowledge ^a	50.07(26)*	6.42(3, 26)*	.02	.00
Whole Number Calculations	202.14(108)**	1.36(5, 108)	.00	.01
Word Problems ^a	68.88(15)**	1.38(4, 15)	.04	.01
Fractions, Decimals, & Percentage ^a	12.13(8)	0.89(1, 8)	.00	.03
Geometry ^a	3.87(5)	3.46(3, 5)	.00	.002
Algebra ^a	64.17(30)**	3.26(3, 30)*	.001	.01
Statistics ^a	503.84(103)**	0.46(1, 103)	.004	.03
Math anxiety measure by topic				
Statistics math content only	504.65(103)**	0.14(1, 103)	.004	.03
All other math content	6629.45(640)**	20.76(1, 640)**	.01	.02

Note. * $p < .05$; ** $p < .001$; *QE* = Residual Heterogeneity; *F* = omnibus test; *df* = degrees of freedom; ^asome categories dropped due to no effect sizes within that category.

Table S8
*Pairwise Comparisons of Grade Level Moderator within Basic
 Number Knowledge and Algebra Content*

Demographic	beta	95% CI		K
		LL	UL	
Basic Number Knowledge				
1-2 vs. 3-5	.40***	.21	.59	23
1-2 vs. 6-8	.25	-.02	.52	9
1-2 vs. Postsecondary	.29*	.03	.54	12
3-5 vs. 6-8	-.17***	-.27	.07	18
3-5 vs. Postsecondary	-.14	-.36	.08	21
6-8 vs. Postsecondary	.04	-.20	.28	7
Algebra				
1-2 vs. 6-8	-.01	-.45	.43	10
1-2 vs. 9-12	-.10	-.51	.31	5
1-2 vs. Postsecondary	-.15	-.02	.32	23
6-8 vs. 9-12	-.10	-.58	.39	11
6-8 vs. Postsecondary	.21*	.04	.37	29
9-12 vs. Postsecondary	.29***	.13	.46	24

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