

Supplement 2

Appendix A. Univariate Meta-Regression: Victimization, Gender – Combined (N- 499) Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model		.03	-1.24- -1.14	0.00	.35	99.67	0.00	-1.19
Year (Continuous)	-.004	-.008	-.02-.01	.18	.35	99.67	0.00	5.86
Wording (Bully- Ref)	-.556***	.158	-.87- -.025	12.45***	.34	99.67	0.02	-.65
Time Frame (30 days-ref)								
12 Months	-.242*	.094	-.43- -.06	6.56*	.34	99.67	0.01	-.97
6 Months	.012	.242	-.46-.49	0.00	.35	99.67	0.00	-1.19
Past couple of months	-.845**	.293	-1.42--.27	8.31**	.34	99.66	0.01	-1.19
Bullying Frequency (Yes-1 or more- ref)								
Frequent (2 +)	-.252	.159	-.56-.06	2.51	.34	99.66	0.00	-1.18
Grade (8 th and below - Ref)								
9 th and above only	-.965***	.038	-1.04- -.89	653.77***	.15	99.43	0.57	-.52
Overlap	-.221	.128	-.47-.03	2.98	.34	99.66	0.00	-1.18
Sampling (non-random-ref)								
Random	-.512***	.075	-.66- -.36	46.09***	.32	99.64	0.08	-.75
Sample Location (National-ref)								
Regional	.343*	.145	.06-.63	5.61*	.34	99.66	0.01	-1.52
Definition - Power	-.434**	.148	-.73- -.14	8.58**	.34	99.65	0.02	-.77
Definition - Provided	-.012	.242	-.49-.16	0.00	.35	99.67	0.00	-1.18
Definition - Repetition	-.536**	.170	-.87- -.20	9.88**	.34	99.64	0.02	-.67
Type of Article (peer review -ref)								
Report	.222	.134	-.04-.48	2.74	.34	99.66	0.00	-1.40
Location (ref: school)								
Mixed/Ambiguous	.383***	.101	.19-.58	14.52***	.34	99.66	0.03	-1.22

*p<.05, **p<.01, ***p<.001

Appendix B. Univariate Meta-Regression: Victimization, Male and Female (N- 874) Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model		.02	-1.27- -1.19	0.00	.37	99.14	0.00	-1.23
Year (Continuous)	-.005	.007	-.02-.01	.60	.37	99.13	0.00	9.99
Wording (Bully- Ref)	-.644***	.125	-.889- -.40	26.65***	.36	99.10	0.03	-.61
Time Frame (30 days-ref)								
12 Months	-.609***	.137	-.88- -.34	19.83***	.36	99.11	0.02	-.64
Grade (8 th and below - Ref)								
9 th and above only	-1.154***	.027	-1.21- -1.10	1853.89***	.11	96.92	0.69	-.38
Sampling (non-random-ref)								
Random	-.526***	.109	-.74- -.31	23.44***	.36	99.12	0.03	-.73
Sample Location (National-ref)								
Regional	.179	.194	-.20-.56	.85	.37	99.13	0.00	-1.41
Definition - Power	-.152	.217	-.58-.27	.49	.37	99.14	0.00	-1.09
Type of Article (peer review -ref)								
Report	-.152	.217	-.58-.27	.49	.37	99.14	0.00	-1.09
Gender (ref-Female)	-.281***	.041	-.36- -.20	48.03***	.35	99.10	0.05	-1.10
Location (ref- school)								
Mixed/Ambiguous	.644***	.125	.40-.89	26.65***	.36	99.10	0.03	-1.25

*p<.05, **p<.01, ***p<.001

Appendix C. Univariate Meta-Regression: Cyberbullying Victimization, Gender – Combined (N-392) Main effects (Logit event rate)

Covariates	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model	-1.755***	.020	-1.79- -1.72		.15	99.01	0.00	
Year (Continuous)	.034***	.008	.02-.05	19.63***	.14	98.96	0.05	-.69.14
Wording (Bully- Ref)	.63**	.230	.18-1.08	7.56**	.15	99.01	0.02	-2.38
Time Frame (30 days-ref)								
12 Months	.49***	.066	.36-.62	53.78***	.13	98.76	0.12	-2.20
6 Months	-.85***	.172	-1.18- -.51	24.38***	.14	98.99	0.06	-1.74
Bullying Frequency (Yes-1 or more- ref)								
Frequent (2 or more)	-.92***	.115	-1.14- -.69	63.12***	.13	98.52	0.14	-1.73
Grade (8 th and below - Ref)								
9 th and above only	-.209***	.042	-.29- -.13	25.28***	.14	99.00	0.06	-1.61
Overlap	-.877***	.079	-1.03- -.72	124.76***	.11	98.44	0.25	-1.71
Sampling (non-random-ref)								
Random	.172**	.066	.04-.30	6.80**	.15	98.93	0.02	-1.91
Sample Location (National-ref)								
Regional	.547***	.104	.34-.75	27.62***	.14	99.01	0.06	-2.28
Definition - Power	.252**	.078	.10-.41	10.36**	.15	99.01	0.02	-1.99
Definition - Provided	.390***	.109	.18-.60	12.98***	.13	98.99	0.03	-2.13
Definition - Repetition	.337***	.084	.17-.50	16.06***	.14	98.99	0.04	-2.07
Type of Article (peer review -ref)								
Report	.637***	.086	.47-.81	54.31***	.13	98.83	0.12	-2.36

*p<.05, **p<.01, ***p<.001

Appendix D. Univariate Meta-regression: Cyberbullying Victimization, Male and Female (N-706) Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model	-1.77***	.02	-1.81- -1.73		.27	98.65	0.00	
Year (Continuous)	.006	.01	-.01-.02	.41	.27	98.65	0.00	-13.03
Time Frame (30 days-ref)								
12 Months	.139	.13	-.12-.40	1.10	.27	98.61	0.00	-1.90***
Grade (8 th and below - Ref)								
9 th and above only	-.404***	.04	-.49- -.32	89.97***	.24	98.53	0.12	-1.47***
Sampling (non-random-ref)								
Random	.027	.11	-.19-.24	0.06	.27	98.62	0.00	-1.79***
Sample Location (National-ref)								
Regional	.006	.19	-.36-.37	0.00	.27	98.65	0.00	-1.77***
Definition - Power	.027	.11	-.19-.24	0.06	.27	98.62	0.00	-1.79***
Definition - Provided	.139	.13	-.12-.40	1.10	.27	98.61	0.00	-1.90***
Definition - Repetition	.139	.13	-.12-.40	1.10	.27	98.61	0.00	-1.90***
Type of Article (peer review -ref)								
Report	-.196	.19	-.56-.17	1.11	.27	98.65	0.00	-1.57***
Gender (ref-female)	-.751***	.03	-.81- -.70	723.85***	.13	97.09	0.53	-1.39***

*p<.05, **p<.01, ***p<.001

Appendix E. Univariate Meta-Regression: Physical Bullying Victimization, Gender-Combined
(N= 32) Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model	-1.63	.14	-1.90- -1.36	0.00	.61	99.88	0.00	
Year (Continuous)	-.13***	.03	-.20- -.06	14.53***	.42	99.87	0.30	261.29
Wording (Bully- Ref)	.27	.32	-.36-.89	.69	.61	99.89	0.00	-1.83
Time Frame (30 days- ref)								
12 Months	1.16***	.23	.72-1.61	26.08***	.34	99.86	0.45	-1.96
6 Months	-1.04**	.34	-1.70- -.37	9.39**	.48	99.88	0.21	-1.47
Bullying Frequency (Yes-1 or more- ref)								
Frequent (2 or more)	-.23	.30	-.82-.36	.6	.62	99.89	0.00	-1.56
Grade (8 th and below - Ref)								
9 th and above only	.09	.30	-.20-.68	.09	.63	99.87	0.00	-1.66
Overlap	-.75**	.25	-1.23- -.26	9.19**	.48	99.88	0.21	-1.28
Sampling (non-random- ref)								
Random	-1.04**	.34	-1.70- -.37	9.39**	.48	99.88	0.21	-1.47
Sample Location (National-ref)								
Regional	1.04**	.34	.37-1.70	9.39**	.48	99.88	0.21	-2.51
Definition - Power	.77**	.25	.28-1.26	9.60**	.48	99.88	0.22	-2.09
Definition - Provided	.77**	.25	.28-1.26	9.60**	.48	99.88	0.22	-2.09
Definition - Repetition	.77**	.25	.28-1.26	9.60**	.48	99.88	0.22	-2.09
Type of Article (peer review -ref)								
Report	.23	.30	-.36-.82	.6	.62	99.89	0.00	-1.79

*p<.05, **p<.01, ***p<.001

Appendix F. Univariate Meta-Regression: Verbal Bullying Victimization, Gender – Combined
(N- 23) Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model	-1.80	.09	-1.98- -1.61	0.00	.20	99.81	0.00	
Year (Continuous)	-0.09***	.02	-.13- -.05	19.11***	.11	99.71	0.45	179.23
Wording (Bully- Ref)	0.41*	.18	.06-.76	5.37*	.16	99.78	0.17	-2.06
Time Frame (30 days- ref)								
6 Months	0.24	.22	-.20-.67	1.11	.19	99.82	0.01	-1.85
Bullying Frequency (Yes-1 or more- ref)								
Frequent (2 or more)	0.22	.18	-.15-.58	1.37	.19	99.79	0.02	-1.89
Grade (8 th and below - Ref)								
9 th and above only	-0.76***	.19	-1.13- -.40	16.86***	.11	99.67	0.42	-1.66
Overlap	0.41*	.18	.06-.76	5.37*	.16	99.78	0.17	-2.06
Sampling (non-random- ref)								
Random	0.24	.22	-.20-.67	1.11	.19	99.82	0.01	-1.85
Sample Location (National-ref)								
Regional	-0.24	.22	-.67-.20	1.11	.19	99.82	0.01	-1.61
Definition - Power	0.22	.18	-.15-.58	1.37	.19	99.79	0.02	-1.89
Definition - Provided	0.22	.18	-.15-.58	1.37	.19	99.79	0.02	-1.89
Definition - Repetition	0.22	.18	-.15-.58	1.37	.19	99.79	0.02	-1.89
Type of Article (peer review -ref)								
Report	-0.22	.18	-.58-.15	1.37	.19	99.79	0.02	-1.67

*p<.05, **p<.01, ***p<.001

Appendix G. Univariate Meta-Regression: Relational Bullying Victimization, Gender-Combined (N= 38), Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model		.10	-1.20- -.80	0.00	.40	99.84	0.00	-1.00
Year (Continuous)	-0.06	.03	-.12-.002	3.50	.38	99.83	0.06	115.44
Wording (Bully- Ref)	0.04	.26	-.46-.55	.03	.41	99.84	0.00	-1.04
Time Frame (30 days-ref)								
12 Months	0.90***	.15	.60-1.20	34.53***	.21	99.77	0.48	-1.35
6 Months	-1.34***	.22	-1.76- -.91	38.07***	.20	99.82	0.50	-.83
Bullying Frequency (Yes-1 or more- ref)								
Frequent (2 or more)	-0.28	.23	-.74-.17	1.50	.40	99.83	0.01	-.93
Grade (8 th and below - Ref)								
9 th and above only	0.36	.21	-.05-.77	2.96	.38	99.84	0.05	-1.13
Overlap	-0.87***	.16	-1.18--.56	30.19***	.23	99.81	0.44	-.66
Sampling (non-random-ref)								
Random	-1.34***	.22	-1.76- -.91	38.07***	.20	99.82	0.50	-.83
Sample Location (National-ref)								
Regional	1.34***	.22	.91-1.76	38.07***	.20	99.82	0.50	-2.16
Definition - Power	0.71***	.19	.34-1.07	14.42***	.30	99.84	0.27	-1.47
Definition - Provided	0.71***	.19	.34-1.07	14.42***	.30	99.84	0.27	-1.47
Definition - Repetition	0.71***	.19	.34-1.07	14.42***	.30	99.84	0.27	-1.47
Type of Article (peer review -ref)								
Report	0.28	.23	-.17-.74	1.50	.40	99.83	0.01	-1.21

*p<.05, **p<.01, ***p<.001

Appendix H. Univariate Meta-Regression: Face-to-Face Bullying Perpetration, Gender-

Combined (N= 33), Main effects (Logit event rate)

Covariate	Coef	SE	95% CI	F	T ²	I ²	R ² Analog	Intercept
Intercept Model		.09	-2.08- -1.74	0.00	.25	99.86	0.00	-1.91
Year (Continuous)	-0.05*	.02	-.08- -.01	6.02*	.21	99.82	0.14	88.87
Wording (Bully- Ref)	0.19	.18	-.17-.55	1.06	.25	99.80	0.00	-2.04
Time Frame (30 days- ref)								
12 Months	0.76***	.14	.48-1.05	28.33***	.13	99.80	0.46	-2.12
Past couple of months	-0.16	.27	-.68-.37	0.33	.25	99.86	0.00	-1.89
Bullying Frequency (Yes-1 or more- ref)								
Frequent (2 or more)	-0.23	.17	-.57-.11	1.79	.24	99.86	0.02	-1.80
Grade (8 th and below - Ref)								
9 th and above only	-0.29	.22	-.72-.15	1.67	.24	99.85	0.02	-1.86
Overlap	-0.02	.18	-.37-.33	0.02	.26	99.86	0.00	-1.90
Sampling (non-random- ref)								
Random	0.31	.19	-.06-.69	2.74	.24	99.85	0.05	-2.00
Sample Location (National-ref)								
Regional	-0.31	.19	-.69-.06	2.74	.24	99.85	0.05	-1.68
Definition - Power	-0.13	.17	-.47-.21	0.55	.25	99.86	0.00	-1.84
Definition - Provided	0.32	.18	-.04-.68	2.98	.23	99.85	0.06	-2.13
Definition - Repetition	-0.02	.18	-.37-.33	0.02	.26	99.86	0.00	-1.90
Type of Article (peer review -ref)								
Report	0.02	.18	-.33-.37	0.02	.26	99.86	0.00	-1.92

*p<.05, **p<.01, ***p<.001