

## Multimedia Appendix 2.

Crude ORs and AORs of the association of demographic, health and wellbeing items, and internet use with sexting activity (2014 data)

Variable	Sexting activity vs. all others <sup>b</sup>							
	Two-way		Sender <sup>c</sup>		Receiver <sup>d</sup>		No-sexting	
	Crude OR 95% CI	AOR Exp(B) 95% CI	Crude OR 95% CI	AOR Exp(B) 95% CI	Crude OR 95% CI	AOR Exp(B) 95% CI	Crude OR 95% CI	AOR Exp(B) 95% CI
<i>Demographics</i>								
Gender (male vs female)	<b>0.61**</b> [0.50-0.76]	<b>0.63*</b> [0.41-0.96]	<b>0.61**</b> [0.49-0.76]	<b>0.58*</b> [0.38-0.89]	0.87 [0.69-1.11]	<b>0.59*</b> [0.37-0.95]	1.17 [0.92-1.49]	<b>1.73*</b> [1.07-2.80]
Age (16-18yrs vs 19-21yrs)	<b>1.65**</b> [1.27-2.14]	1.13 [0.71-1.80]	<b>1.64**</b> [1.27-2.13]	1.11 [0.70-1.76]	1.19 [0.89-1.57]	0.83 [0.51-1.37]	0.78 [0.58-1.05]	1.22 [0.73-2.04]
Age (16-18yrs vs 22-25yrs)	<b>2.07**</b> [1.59-2.70]	1.34 [0.78-2.30]	<b>2.11**</b> [1.62-2.75]	1.23 [0.72-2.10]	1.23 [0.92-1.64]	0.72 [0.41-1.27]	0.84 [0.63-1.11]	1.56 [0.87-2.79]
English only language spoken (No vs Yes)	1.23 [0.95-1.61]	<b>1.66*</b> [1.01-2.73]	1.21 [0.93-1.58]	<b>1.71*</b> [1.04-2.80]	<b>1.32*</b> [1.00-1.76]	1.53 [0.93-2.55]	0.76 [0.57-1.01]	0.62 [0.37-1.03]
Indigenous (No vs Yes)	0.98 [0.55-1.75]	0.74 [0.23-2.37]	1.09 [0.62-1.96]	0.93 [0.30-2.94]	1.24 [0.63-2.47]	0.93 [0.23-3.80]	0.67 [0.32-1.39]	0.70 [0.14-3.65]
Location (major city vs regional, rural or remote)	0.93 [0.73-1.19]	1.01 [0.66-1.56]	0.96 [0.75-1.23]	1.00 [0.65-1.54]	1.05 [0.80-1.38]	0.97 [0.59-1.59]	0.91 [0.68-1.21]	1.05 [0.63-1.74]
Currently in education (No vs Yes)	<b>0.51**</b> [0.41-0.63]	0.72 [0.36-1.42]	<b>0.51**</b> [0.41-0.63]	0.80 [0.41-1.59]	<b>0.67*</b> [0.52-0.85]	0.66 [0.29-1.50]	<b>1.55*</b> [1.21-1.99]	1.32 [0.58-3.02]
Currently in employment (No vs Yes)	<b>1.97**</b> [1.57-2.47]	1.36 [0.68-2.74]	<b>2.03**</b> [1.62-2.54]	1.57 [0.78-3.16]	<b>1.66**</b> [1.27-2.16]	1.05 [0.45-2.45]	<b>0.57**</b> [0.43-0.74]	0.76 [0.32-1.81]
Live with parent(s) or guardian(s) (No vs Yes)	<b>0.64**</b> [0.50-0.82]	0.88 [0.54-1.44]	<b>0.60**</b> [0.47-0.76]	0.79 [0.48-1.28]	<b>0.64*</b> [0.48-0.86]	<b>0.53*</b> [0.29-0.93]	<b>1.79**</b> [1.32-2.43]	<b>2.36*</b> [1.28-4.36]
Currently in a relationship (No vs Yes)	<b>2.43**</b> [1.78-3.32]	<b>2.16**</b> [1.47-3.19]	<b>2.32**</b> [1.70-3.16]	<b>2.11**</b> [1.43-3.09]	<b>1.57*</b> [1.10-2.25]	1.14 [0.73-1.76]	<b>0.66*</b> [0.46-0.95]	0.90 [0.57-1.41]
<i>Health and Wellbeing</i>								
Psychological distress (K10: low/moderate vs high/very high)	1.04 [0.82-1.34]	0.68 [0.39-1.17]	1.06 [0.83-1.35]	0.67 [0.39-1.15]	<b>1.86**</b> [1.37-2.52]	1.36 [0.74-2.49]	<b>0.51**</b> [0.37-0.70]	0.72 [0.39-1.35]
Suicidal ideation and or acts (PSFS)	<b>1.50*</b> [1.13-2.00]	<b>1.86*</b> [1.00-3.46]	<b>1.62*</b> [1.22-2.16]	<b>2.21*</b> [1.19-4.10]	<b>1.92**</b> [1.34-2.76]	1.10 [0.53-2.33]	<b>0.43**</b> [0.30-0.65]	0.63 [0.28-1.41]
Mental health diagnosis (No vs Yes)	1.20 [0.94-1.54]	0.92 [0.57-1.51]	1.25 [0.97-1.60]	0.93 [0.57-1.52]	<b>1.87**</b> [1.37-2.54]	1.68 [0.96-2.96]	<b>0.49**</b> [0.36-0.68]	0.57 [0.32-1.02]

Alcohol or other substance misuse diagnosis (No vs Yes)	<b>4.17*</b> [1.34-13.00]	3.74 [0.38-36.96]	<b>3.93*</b> [1.26-12.25]	3.34 [0.33-33.52]	1.60 [0.45-5.64]	0.72 [0.07-7.76]	0.67 [0.19-2.38]	1.96 [0.17-21.99]
Personal concern: Alcohol (No vs Yes)	<b>1.35*</b> [1.03-1.76]	1.04 [0.58-1.87]	1.28 [0.98-1.67]	1.00 [0.56-1.78]	<b>1.73*</b> [1.24-2.41]	1.04 [0.51-2.11]	<b>0.61*</b> [0.44-0.86]	1.02 [0.49-2.09]
Personal concern: Body Image (No vs Yes)	<b>1.60**</b> [1.29-1.98]	<b>2.06*</b> [1.33-3.19]	<b>1.56**</b> [1.27-1.94]	<b>2.00*</b> [1.30-3.08]	<b>1.92**</b> [1.51-2.46]	1.44 [0.90-2.32]	<b>0.52**</b> [0.41-0.67]	0.70 [0.43-1.14]
Personal concern: Bullying (No vs Yes)	<b>1.35*</b> [1.07-1.70]	1.37 [0.80-2.34]	<b>1.28*</b> [1.01-1.61]	1.16 [0.68-1.97]	<b>1.53*</b> [1.16-2.02]	0.85 [0.46-1.58]	<b>0.69*</b> [0.52-0.92]	1.53 [0.81-2.89]
Personal concern: Stress (No vs Yes)	1.13 [0.90-1.41]	1.11 [0.71-1.73]	1.13 [0.90-1.41]	1.16 [0.74-1.81]	<b>1.57**</b> [1.23-2.00]	1.26 [0.78-2.04]	<b>0.63**</b> [0.49-0.81]	0.75 [0.46-1.22]
Personal concern: Depression (No vs Yes)	<b>1.40*</b> [1.12-1.74]	0.63 [0.35-1.12]	<b>1.41*</b> [1.13-1.76]	0.68 [0.38-1.20]	<b>1.60**</b> [1.24-2.07]	0.62 [0.33-1.16]	<b>0.63*</b> [0.46-0.79]	1.56 [0.81-2.99]
Personal concern: Drugs (No vs Yes)	<b>1.86**</b> [1.40-2.48]	1.85 [0.91-3.75]	<b>1.81**</b> [1.36-2.41]	2.00 [0.99-4.05]	<b>2.17**</b> [1.49-3.16]	2.39 [0.98-5.83]	<b>0.47**</b> [0.32-0.68]	<b>0.35*</b> [0.14-0.90]
Personal concern: Self-harm (No vs Yes)	<b>1.35*</b> [1.01-1.80]	0.63 [0.31-1.25]	<b>1.34*</b> [1.00-1.79]	0.62 [0.31-1.24]	<b>1.59*</b> [1.11-2.27]	0.72 [0.32-1.64]	<b>0.62*</b> [0.43-0.89]	1.45 [0.61-3.43]
Resilience (BRCS)	-	1.03 [0.96-1.12]	-	1.03 [0.95-1.11]	-	1.02 [0.94-1.11]	-	0.99 [0.90-1.08]
Social support (SSSS)	-	0.96 [0.88-1.04]	-	0.96 [0.88-1.04]	-	1.03 [0.93-1.13]	-	0.97 [0.88-1.07]
<i>Internet use and online and communication risks</i>								
Has been cyberbullied in the past 12 months (No vs Yes)	<b>2.02**</b> [1.52-2.69]	1.11 [0.61-2.02]	<b>1.97**</b> [1.48-2.63]	1.07 [0.59-2.94]	<b>3.33**</b> [2.17-5.10]	<b>4.61*</b> [1.85-11.50]	<b>0.29**</b> [0.19-0.46]	<b>0.22*</b> [0.09-0.56]
Cyberbullied others in the past 12 months (No vs Yes)	<b>3.25**</b> [2.11-5.01]	<b>5.28**</b> [2.20-12.65]	<b>3.21**</b> [2.08-4.97]	<b>4.79**</b> [2.00-11.44]	<b>2.65*</b> [1.46-4.80]	1.40 [0.41-4.83]	<b>0.37*</b> [0.20-0.68]	0.87 [0.25-3.02]
Average time spent on internet	-	1.02 [0.96-1.09]	-	1.02 [0.96-1.09]	-	0.98 [0.92-1.05]	-	1.02 [0.95-1.09]
Late night internet use (No vs Yes)	<b>2.01**</b> [1.59-2.54]	<b>1.92*</b> [1.24-2.95]	<b>2.03**</b> [1.61-2.56]	<b>1.88*</b> [1.23-2.88]	<b>2.12**</b> [1.66-2.71]	<b>2.58**</b> [1.67-3.98]	<b>0.45**</b> [0.35-0.58]	<b>0.38**</b> [0.24-0.59]

- \*\* Correlation is significant at the 0.01 level (2-tailed); \* Correlation is significant at the 0.05 level (2-tailed).
- Cells left blank indicate scale items which do not have a crude OR calculation option.
- Includes all respondents who reported sending sexts in any form.
- Includes all respondents who reported receiving sexts in any form.