

Supplementary Table 1: Odds ratios from logistic regression analyses, sensitivity analysis using categorical physical activity

SDQ Subscale ^(b)	Logistic regression independent variables ^(a)												
	Sex	Indigenous status	Socio-economic status ^(c)				Physical activity (minutes)			Under- weight ^(d)	Over- weight ^(d)	Obese ^(d)	Age
			Q1	Q2	Q3	Q4	30 to <60	60 to <90	≥90				
	Odds Ratio (95% CI)												
<i>Total</i>	1.80	2.69	1.85	1.50	1.29	1.28	0.95	0.67	0.93	1.06	1.04	1.85	1.03
<i>difficulties</i>	(1.49-2.17)	(1.76-4.11)	(1.37-2.48)	(1.11-2.02)	(0.96-1.75)	(0.94-1.75)	(0.71-1.28)	(0.49-0.91)	(0.71-1.22)	(0.73-1.54)	(0.79-1.37)	(1.27-2.70)	(1.00-1.05)
Emotional	0.97	1.96	1.25	1.09	0.95	0.90	0.90	0.81	0.84	0.98	0.94	1.77	1.04
<i>difficulties</i>	(0.83-1.13)	(1.29-2.98)	(0.99-1.59)	(0.85-1.38)	(0.75-1.21)	(0.71-1.16)	(0.70-1.15)	(0.63-1.04)	(0.66-1.06)	(0.70-1.36)	(0.74-1.20)	(1.28-2.46)	(1.01-1.06)
Conduct	1.56	1.65	1.48	1.32	1.08	0.98	1.05	0.91	1.08	0.58	1.29	1.15	1.02
<i>problems</i>	(1.35-1.82)	(1.08-2.52)	(1.17-1.86)	(1.05-1.67)	(0.85-1.37)	(0.77-1.25)	(0.82-1.35)	(0.71-1.18)	(0.86-1.37)	(0.39-0.86)	(1.05-1.59)	(0.79-1.68)	(1.00-1.04)
Hyperactivity	2.03	1.84	1.34	1.27	0.90	1.04	0.87	0.69	0.88	0.91	1.09	1.39	1.01
<i>& inattention</i>	(1.76-2.34)	(1.25-2.70)	(1.08-1.66)	(1.03-1.57)	(0.73-1.13)	(0.84-1.29)	(0.70-1.08)	(0.55-1.87)	(0.71-1.08)	(0.67-1.22)	(0.89-1.33)	(1.01-1.93)	(0.99-1.02)
Peer problems	2.72	1.41	1.65	1.21	1.68	1.76	0.91	0.64	0.60	2.42	1.89	1.96	1.03
<i></i>	(1.60-4.61)	(0.34-5.82)	(0.74-3.69)	(0.52-2.81)	(0.77-3.65)	(0.81-3.83)	(0.46-1.81)	(0.30-1.33)	(0.30-1.20)	(1.18-4.98)	(1.02-3.51)	(0.70-5.49)	(0.97-1.10)
Prosocial	2.48	0.65	1.25	1.13	1.34	1.27	0.70	0.54	0.52	1.07	1.12	1.03	1.00
<i></i>	(1.94-3.18)	(0.24-1.76)	(0.86-1.82)	(0.78-1.64)	(0.94-1.91)	(0.88-1.82)	(0.50-0.97)	(0.38-0.77)	(0.38-0.73)	(0.68-1.68)	(0.80-1.57)	(0.56-1.91)	(0.97-1.03)

(a) Reference categories: girls, non-Indigenous, Q5 - least disadvantaged, healthy weight (BMI), physical activity < 30 minutes daily; age is continuous.

(b) Each category excludes those children for which the reported measure is not available.

(c) Socioeconomic status based on ACT quintiles of relative disadvantage from IRSD at SA1 level. Q1 – most disadvantaged; Q5 – least disadvantaged.

(d) Based on BMI.