

Table O.2: Autism diagnosis versus no autism diagnosis as a risk factor for challenging behaviour

Quality assessment							Summary of findings				
Participant s (studies) Follow up	Risk of bias	Inconsistency	Indirectness	Imprecision	Publication bias	Overall quality of evidence	Study event rates (%)		Relative effect (95% CI)	Anticipated absolute effects	
							With no autism diagnosis	With autism diagnosis		Risk with no autism diagnosis	Risk difference with autism diagnosis (95% CI)
All aggression (physical, verbal and destructive) (assessed with: Validated questionnaires, interviews and medical records)											
1938 (2 studies)	no serious risk of bias	serious ¹	no serious indirectness	no serious imprecision	undetected	⊕⊖⊖⊖ VERY LOW ¹ due to inconsistency	337/1718 (19.6%)	78/220 (35.5%)	OR 1.76 (1.17 to 2.65)	196 per 1000	104 more per 1000 (from 26 more to 197 more)
Destruction of property (assessed with: Questionnaire and interviews with both service user and carer)											
2376 (2 studies)	no serious risk of bias	very serious ²	no serious indirectness	no serious imprecision	undetected	⊕⊖⊖⊖ VERY LOW ^{2,3} due to inconsistency, large effect	121/1285 (9.4%)	279/1091 (25.6%)	OR 5.6 (1.39 to 22.56)	94 per 1000	274 more per 1000 (from 32 more to 607 more)

Quality assessment						Summary of findings					
Physical aggression (assessed with: Validated questionnaires, interviews and medical records)											
5637 (4 studies)	no serious risk of bias	no serious inconsistency	no serious indirectness	no serious imprecision	undetected	⊕⊕⊕⊖ MODERATE ³ due to large effect	712/4468 (15.9%)	357/1169 (30.5%)	RR 2.80 (1.98 to 3.98)	159 per 1000	287 more per 1000 (from 156 more to 475 more)
Self-injury (assessed with: Validated questionnaires and interviews with both service user and carer)											
4338 (5 studies)	no serious risk of bias	very serious ²	no serious indirectness	no serious imprecision	undetected	⊕⊖⊖⊖ VERY LOW ^{2,3} due to inconsistency, large effect	416/3015 (13.8%)	390/1323 (29.5%)	OR 3.11 (1.81 to 5.35)	138 per 1000	194 more per 1000 (from 87 more to 323 more)
¹ I ² > 40% ² I ² > 75% ³ RR >2											