

**Table 1. Point prevalence of somatic comorbidities in children and adolescents with autism spectrum disorder**

Comorbidity	Percentage participants with comorbidity (95%CI)	Studies included (n participants)	Countries (n studies)	Risk of bias
Developmental Coordination Disorder	87% (87% to 88%)	2 (11,857)	United States: 2	Low (2)
Sleep-wake problem	44% (38% to 51%)	25 (18,399)	United States: 11 United Kingdom: 3 Japan: 2 Other: 9	Low (17) to moderate (8)
Feeding and eating disorder	42% (30% to 54%)	25 (12,724)	United States: 13 United Kingdom: 3 Italy: 2 Other: 7	Low (15) to moderate (10)
Gastrointestinal problem	41% (34% to 48%)	33 (18,961)	United States: 18 Italy: 6 United Kingdom: 2 Other: 7	Low (20) to moderate (13)
Motor problem	36% (13% to 64%)	8 (24,969)	United States: 5 Japan: 1 United Kingdom: 1 Netherlands: 1	Low (7) to moderate (1)
Overweight/obesity	34% (24% to 45%)	22 (61,175)	United States: 11 Spain: 2 Iran: 2 Brazil: 2 Other: 5	Low (13) to moderate (9)
Sleep-wake disorder	30% (18% to 44%)	17 (144,844)	United States: 9 China: 2 Other: 6	Low (9) to moderate (8)
Elimination disorder	29% (18% to 42%)	20 (1,686)	United States: 5 Italy: 2 United Kingdom: 2 Germany: 2 Japan: 2 Other: 7	Low (13) to moderate (7)
Somatic symptom disorders and related disorders	29% (22% to 38%)	2 (127)	United Kingdom: 1 Singapore: 1	Low (2)
Food intolerance	19% (4% to 40%)	4 (938)	United States: 2 Norway: 1 United Arab Emirates: 1	Low (2), moderate (1), or high (1)
Epilepsy	13% (11% to 15%)	49 (164,252)	United States: 17 Italy: 5 France: 3 India: 3 Other: 21	Low (29), moderate (19), or high (1)
Gastrointestinal disorder	12% (2% to 28%)	8 (9,694)	United States: 6 Denmark: 2	Low (4), moderate (3), or high (1)
Celiac disease	6% (2% to 12%)	4 (8,017)	Italy: 2 United States: 1 United Kingdom: 1	Low (4)

Metabolic disorder	3% (0% to 10%)	4 (882)	United States <sup>a</sup> : 2 Canada <sup>a</sup> : 1 Turkey: 1 Portugal: 1	Low (3) to moderate (1)
Gluten intolerance	1% (0% to 3%)	1 (191)	Italy: 1	Moderate (1)
Hearing disorder	1% (0% to 3%)	6 (13,156)	United States: 3 France: 1 Sweden: 1 Greece: 1	Low (4) to moderate (2)
Neurocutaneous disorder	0% (0% to 1%)	10 (21,542)	United States: 3 France: 2 Other: 5	Low (8) to moderate (2)
Organic nutrition disorder	NA	NA	NA	NA

Abbreviations: CI = confidence interval; NA = not applicable.

<sup>a</sup> One study was performed in the USA and in Canada.