

**Supplementary Table 1.** Methodological quality of the studies, as assessed by the Newcastle-Ottawa scale

Cohort study	Selection				Comparability control for important factor	Outcome			Total score (0–9)
	Representativeness of exposed cohort	Selection of non-exposed cohort	Ascertainment of exposure	Presentation of outcome at start		Assessment of outcome	Enough follow-up	Adequate follow-up	
Van Den Eeden <sup>25</sup>	1	1	1	1	1	1	1	1	8
Cross-sectional study	Selection				Comparability control for important factor	Outcome		Total score (0–10)	
	Representativeness of the sample	Sample size	Non-respondents	Ascertainment of the exposure		Assessment of outcome	Statistical test		
Catzin-Kuhlmann et al. <sup>16</sup>	1	1	0	1	2	1	1	7	
Chen et al. <sup>17</sup>	0	0	0	1	1	1	1	4	
Giannini et al. <sup>18</sup>	0	0	0	2	1	1	1	5	
Szentkirályi et al. <sup>24</sup>	0	0	0	2	2	1	1	6	
Ulfberg et al. <sup>19</sup>	0	0	0	1	2	1	1	5	
Wesstrom et al. <sup>20</sup>	0	0	0	1	2	1	1	5	
Winter et al., male <sup>21</sup>	1	1	0	1	2	1	1	7	
Winter et al., female <sup>22</sup>	1	1	0	1	2	1	1	7	