

Table 2. Summary of included studies using the World Health Organization Quality of Life Instrument-Brief Version (WHOQOL-BREF).

Author and publication date, country, setting, study period	Sample size, study design, instrument	Age of children with DS, mean $\pm$ SD and/or range	Caregivers' age, mean $\pm$ SD or mode (no., %) median and/or range in years; sex (F/M), no. %	Comparison group	Highest scoring domain OR biggest difference <sup>a</sup> (score)	Lowest scoring domain OR lowest difference <sup>a</sup> (score)	Total score	Key factors adversely affecting QOL scores
Geok 2013, <sup>25</sup> Malaysia, 2009–2010	161, cross-sectional, WHOQOL-BREF	Mean $\pm$ SD: 9.3 $\pm$ 4.2 years	Mean: 43.67 SD: 8.49 F: 161, 100% M: 0, 0%	NA	Social (68.1)	Environment (58.1)	62.50	Rural household, low education, low income, being single and of older age
AlAhmari 2022, <sup>26</sup> Saudi Arabia, 2018–2019	261, cross-sectional, WHOQOL-BREF	Range: 0–14 years	Mode: above 40 (164, 62.8%) F: 137, 52.5% M: 124, 47.5%	NA	Environment (105)	Social (41)	NA	Education level, number of children and average monthly income
Abbassi 2016, <sup>27</sup> Iran, not specified	70, cross-sectional, WHOQOL-BREF	NA	Mean: 36.74 $\pm$ 7.5 F: 70, 100% M: 0, 0%	NA	Physical (61.88)	Environment (41.63)	46.30	Rental housing
Vadakedom 2017, <sup>28</sup> India, 2016	31, cross-sectional, WHOQOL-BREF	Mean $\pm$ SD: 1.48 $\pm$ 0.51 years	Mean: 30.6 F: 31, 100% M: 0, 0%	NA	Social (61.32)	Environment (50.29)	52.82	Urban families, income level, mothers with spouses with higher education level
Buzatto 2008, <sup>29</sup> Brazil, 2007	30, cross-sectional, WHOQOL-BREF	NA	Mean: 37 Range: 28–49 F: 24, 80% M: 6, 20%	NA	Social (80.72)	Psychological (60.28)	NA	
Oliveira 2011, <sup>30</sup> Brazil, not specified	31, cross-sectional, WHOQOL-BREF	Mean: 8 years 5 months Range: 1–16 years	Mode: 40–49 (17, 55%) F: 24, 77% M: 7, 23%	NA	Social (69.92)	Environment (53.33)	NA	Education, socio-economic factors

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Senses Dinc 2019, <sup>18</sup> Turkey, 2010–2011	75, cross-sectional, WHOQOL-BREF	Range: 0–3 years	Median: 31 Range: 18–55 F: 75, 100% M: 0, 0%	Parents/caregivers of healthy children	<sup>a</sup> Social (14.582)	Psychological (0.002)	NA	Comorbid disorders in the children, number of children in the household
Amaral 2020, <sup>24</sup> Brazil, 2017–2018	82, cross-sectional, WHOQOL-BREF	Range: DS: 4–30 years TD: 4–8 years	Mean: 58.2 SD: 10.8 Range 23–78 F: 67, 81.7% M: 15, 18.3%	Caregivers of typically developing children	<sup>a</sup> Environment (6.2)	Physical (0.6)	62.5	Family income, level of dependence on the child
Hussin 2022, <sup>31</sup> Malaysia, not specified–2020	151, cross-sectional, WHOQOL-BREF	Mean: 5 years Range: 1 month to 17 years	Mean: 43 Range: 28–61 F: 151, 100% M: 0, 0%	NA	Social (72.55) and environment (72.55)	Psychological (63.25)	NA	Older maternal age
Tekinarslan 2013, <sup>32</sup> Turkey, not specified	78, cross-sectional, WHOQOL-BREF	Range: 3–18 years	Median: 36–45 Range: <25 to >46 F: 78, 100%; M: 0, 0%	NA	Psychological (60.47)	Environment (57.01)	NA	

F: female; IQR: interquartile range; M: male; NA: Not applicable/not available; QOL: quality of life; SD: standard deviation

<sup>a</sup>The differences in individual QOL domain values between the control group and DS group of family caregivers (if applicable).