Reference values for the Postconcussion Symptoms Inventory (PCSI-SR13 post version)

for German children aged 13-17 years

Data were retrieved in Germany in 2022.

Interpretation guide

A German 15-year-old female patient has a PCSI-SR13 total score of 6, i.e., her score is between the 40% and 50% percentiles. The patient is within normal range. In relation to the comparable general population group, her symptom burden is average. QOL is average as well as her health-related quality of life.

Reference values

	N	Low symptoms severity 2.5%	5%	-1 SD 16%	30%	40%	Md 50%	60%	70%	+1 SD 85%	95%	High symptoms severity 97.5%
Total		0	0	0	2	5	7	11	17	36	72	83
Physical		0	0	0	0	0	1	3	4	12	26	32
Emotional	823	0	0	0	0	1	2	3	5	10	15	18
Cognitive		0	0	0	0	0	1	2	4	10	21	25
Fatigue		0	0	0	0	0	1	2	4	8	12	14

Note. 50% percentiles represent 50% of the distribution corresponding to the median (Md); SD: standard deviation; values from −1 standard deviation (16% rounded to next integer) to +1 standard deviation (85% rounded to next integer) are within the normal range (i.e., not clinically relevant symptom severity); values below 16% indicate low symptoms severity (i.e., absence of PCSI-SR13 symptoms) and values above 85% indicate high symptom severity (i.e., presence of clinically relevant PCSI-SR13 symptoms).