

The Neurovegetative Complaints Questionnaire in the Maastricht Aging Study: psychometric properties and normative data

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Appendix 1

Normative data for the Neurovegetative/Somatic complaints scale score stratified by age, gender and educational level. The raw scale scores that correspond to the percentiles 1, 5, 10, 20, 25, 50, 75, 80, 90, 95, and 99 are presented.

| | Percentile | LE Low | | | | | | | | | | | | LE Average | | | | | | | | | | | | LE High | | | | | | | | | | | |
|---------|------------|--------------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|------|------|------|------|------|
| | | Age in years | | | | | | | | | | | | Age in years | | | | | | | | | | | | Age in years | | | | | | | | | | | |
| | | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| MALES | 99 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.2 | 5.4 | 5.5 | 5.6 | 5.7 | 4.6 | 4.9 | 5.3 | 5.7 | 3.8 | 4.2 | 4.5 | 5.6 | 6.0 | 6.4 | 6.8 | 7.2 | 4.3 | 4.5 | 4.8 | 5.0 | 5.3 | 5.5 | 5.8 | 3.7 | 3.9 | 4.2 | 4.4 | 4.7 |
| | 95 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.7 | 11.8 | 10.8 | 10.8 | 10.9 | 11.0 | 8.5 | 8.9 | 9.3 | 9.7 | 8.6 | 9.0 | 9.4 | 10.2 | 10.6 | 11.0 | 11.4 | 11.8 | 8.2 | 8.5 | 8.7 | 9.0 | 9.2 | 9.5 | 9.7 | 8.6 | 8.8 | 9.1 | 9.3 | 9.6 |
| | 90 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.7 | 13.8 | 13.1 | 13.2 | 13.2 | 13.3 | 10.2 | 10.6 | 11.0 | 11.4 | 10.8 | 11.1 | 11.5 | 12.2 | 12.6 | 13.0 | 13.4 | 13.8 | 10.0 | 10.2 | 10.5 | 10.7 | 11.0 | 11.2 | 11.5 | 10.7 | 10.9 | 11.2 | 11.4 | 11.7 |
| | 80 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.6 | 15.7 | 15.8 | 15.4 | 15.5 | 15.6 | 15.6 | 12.0 | 12.4 | 12.7 | 13.1 | 12.9 | 13.3 | 13.6 | 14.2 | 14.6 | 15.0 | 15.4 | 15.8 | 11.7 | 11.9 | 12.2 | 12.4 | 12.7 | 12.9 | 13.2 | 12.8 | 13.0 | 13.3 | 13.5 | 13.8 |
| | 75 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.7 | 16.8 | 16.9 | 16.7 | 16.7 | 16.8 | 16.9 | 12.9 | 13.3 | 13.7 | 14.1 | 14.0 | 14.4 | 14.8 | 15.3 | 15.7 | 16.1 | 16.5 | 16.9 | 12.6 | 12.9 | 13.1 | 13.4 | 13.6 | 13.9 | 14.1 | 14.0 | 14.2 | 14.5 | 14.7 | 15.0 |
| | 50 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.5 | 19.6 | 19.7 | 19.9 | 20.0 | 20.1 | 20.2 | 15.3 | 15.7 | 16.1 | 16.5 | 17.0 | 17.4 | 17.8 | 18.1 | 18.5 | 18.9 | 19.3 | 19.7 | 15.0 | 15.3 | 15.5 | 15.8 | 16.0 | 16.3 | 16.5 | 16.9 | 17.2 | 17.4 | 17.7 | 17.9 |
| | 25 | 21.4 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.5 | 22.6 | 22.7 | 22.8 | 17.3 | 17.7 | 18.0 | 18.4 | 19.4 | 19.8 | 20.1 | 20.4 | 20.7 | 21.1 | 21.5 | 21.9 | 17.0 | 17.2 | 17.5 | 17.7 | 18.0 | 18.2 | 18.5 | 19.3 | 19.5 | 19.8 | 20.0 | 20.3 |
| | 20 | 21.9 | 22.0 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 23.1 | 23.2 | 23.3 | 23.4 | 17.7 | 18.1 | 18.5 | 18.9 | 19.9 | 20.3 | 20.7 | 20.9 | 21.3 | 21.6 | 22.0 | 22.4 | 17.4 | 17.7 | 17.9 | 18.2 | 18.4 | 18.7 | 18.9 | 19.8 | 20.1 | 20.3 | 20.6 | 20.8 |
| | 10 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.3 | 23.4 | 23.5 | 24.3 | 24.4 | 24.5 | 24.6 | 18.6 | 19.0 | 19.4 | 19.8 | 21.0 | 21.4 | 21.8 | 21.9 | 22.3 | 22.7 | 23.1 | 23.5 | 18.3 | 18.6 | 18.8 | 19.1 | 19.3 | 19.6 | 19.8 | 20.9 | 21.2 | 21.4 | 21.7 | 21.9 |
| | 5 | 23.8 | 23.9 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 25.3 | 25.4 | 25.5 | 25.6 | 19.4 | 19.7 | 20.1 | 20.5 | 21.9 | 22.3 | 22.7 | 22.8 | 23.2 | 23.5 | 23.9 | 24.3 | 19.1 | 19.3 | 19.6 | 19.8 | 20.1 | 20.3 | 20.6 | 21.9 | 22.1 | 22.4 | 22.6 | 22.9 |
| | 1 | 25.1 | 25.2 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 26.8 | 26.9 | 27.0 | 27.1 | 20.5 | 20.9 | 21.3 | 21.6 | 23.3 | 23.7 | 24.1 | 24.1 | 24.5 | 24.8 | 25.2 | 25.6 | 20.2 | 20.4 | 20.7 | 20.9 | 21.2 | 21.4 | 21.7 | 23.2 | 23.5 | 23.7 | 24.0 | 24.2 |
| FEMALES | 99 | 5.9 | 6.0 | 6.1 | 6.2 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 5.7 | 3.8 | 4.1 | 4.5 | 5.6 | 6.0 | 6.4 | 6.8 | 7.2 | 5.7 | 6.0 | 6.4 | 5.4 | 5.7 | 3.6 | 3.8 | 4.1 | 4.3 | 4.6 | 4.8 | 5.8 | 6.1 | 6.3 | 6.6 | |
| | 95 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 9.7 | 8.6 | 9.0 | 9.4 | 10.2 | 10.6 | 11.0 | 11.4 | 11.8 | 11.0 | 11.4 | 11.8 | 9.4 | 9.6 | 8.5 | 8.7 | 9.0 | 9.2 | 9.5 | 9.7 | 10.4 | 10.6 | 10.9 | 11.1 |
| | 90 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 11.4 | 10.8 | 11.1 | 11.5 | 12.2 | 12.6 | 13.0 | 13.4 | 13.8 | 13.3 | 13.7 | 14.1 | 11.1 | 11.4 | 10.6 | 10.8 | 11.1 | 11.3 | 11.6 | 11.8 | 12.4 | 12.6 | 12.9 | 13.1 |
| | 80 | 15.9 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 13.1 | 12.9 | 13.2 | 13.6 | 14.2 | 14.6 | 15.0 | 15.4 | 15.8 | 15.6 | 16.0 | 16.4 | 12.8 | 13.1 | 12.7 | 12.9 | 13.2 | 13.4 | 13.7 | 13.9 | 14.4 | 14.6 | 14.9 | 15.1 |
| | 75 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 14.1 | 14.0 | 14.4 | 14.8 | 15.3 | 15.7 | 16.1 | 16.5 | 16.9 | 16.9 | 17.3 | 17.7 | 13.8 | 14.0 | 13.8 | 14.1 | 14.3 | 14.6 | 14.8 | 15.1 | 15.5 | 15.7 | 16.0 | 16.2 |
| | 50 | 20.4 | 20.5 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.0 | 21.1 | 21.2 | 21.3 | 16.5 | 17.0 | 17.4 | 17.8 | 18.1 | 18.5 | 18.9 | 19.3 | 19.6 | 20.1 | 20.5 | 20.9 | 16.2 | 16.4 | 16.8 | 17.1 | 17.3 | 17.6 | 17.8 | 18.1 | 18.3 | 18.5 | 18.8 | 19.0 |
| | 25 | 23.0 | 23.1 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.6 | 23.7 | 23.8 | 23.9 | 18.4 | 19.4 | 19.8 | 20.1 | 20.3 | 20.7 | 21.1 | 21.5 | 21.9 | 22.7 | 23.1 | 23.5 | 18.1 | 18.4 | 19.2 | 19.4 | 19.7 | 19.9 | 20.2 | 20.4 | 20.5 | 20.8 | 21.0 | 21.3 |
| | 20 | 23.6 | 23.7 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.3 | 24.4 | 24.5 | 18.9 | 19.9 | 20.3 | 20.7 | 20.9 | 21.3 | 21.6 | 22.0 | 22.4 | 23.3 | 23.7 | 24.1 | 18.6 | 18.8 | 19.7 | 20.0 | 20.2 | 20.5 | 20.7 | 21.0 | 21.0 | 21.3 | 21.5 | 21.8 |
| | 10 | 24.8 | 24.9 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.5 | 25.6 | 25.7 | 19.8 | 21.0 | 21.4 | 21.8 | 21.9 | 22.3 | 22.7 | 23.1 | 23.4 | 24.5 | 24.9 | 25.3 | 19.5 | 19.7 | 20.8 | 21.1 | 21.3 | 21.6 | 21.8 | 22.1 | 22.1 | 22.3 | 22.6 | 22.8 |
| | 5 | 25.8 | 25.9 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.5 | 26.6 | 26.7 | 20.5 | 21.9 | 22.3 | 22.7 | 22.8 | 23.1 | 23.5 | 23.9 | 24.3 | 25.5 | 25.9 | 26.3 | 20.2 | 20.5 | 21.8 | 22.0 | 22.3 | 22.5 | 22.8 | 23.0 | 22.9 | 23.2 | 23.4 | 23.7 |
| | 1 | 27.3 | 27.4 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.0 | 28.1 | 28.2 | 21.6 | 23.3 | 23.7 | 24.1 | 24.1 | 24.4 | 24.8 | 25.2 | 25.6 | 27.0 | 27.4 | 27.8 | 21.3 | 21.6 | 23.1 | 23.4 | 23.6 | 23.9 | 24.1 | 24.4 | 24.2 | 24.5 | 24.7 | 25.0 |