

Supplementary Materials: Brazilian Validation of the European Organisation for Research and Treatment of Cancer (EORTC) Quality of Life Group (QLG) Computerised Adaptive Tests (CAT) Core

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Table S1. – QLQ-C30 mean scores at T0 in Brazil and the difference between Brazilian and European mean scores.

| Domain | Brazil | Brazil - Europe |
|--------|--------|-----------------|
| AP | 11.5 | -12.0 |
| CF | 85.3 | 2.8 |
| CO | 14.3 | -1.2 |
| DI | 6.0 | 9.0 |
| DY | 6.0 | 20.8 |
| EF | 74.7 | 69.5 |
| FA | 18.7 | 37.0 |
| FI | 17.9 | 12.1 |
| NV | 5.0 | 7.8 |
| PF | 82.4 | 78.1 |
| PA | 15.1 | 23.6 |
| RF | 85.2 | 70.0 |
| SF | 81.2 | 67.0 |
| SL | 27.2 | 28.3 |
| QL | 74.4 | 61.2 |

Note: AP lack of appetite, CO constipation, DI diarrhea, DY dyspnea, FI financial difficulties, SL insomnia, NV nausea/vomiting, PA pain, FA fatigue, CF cognitive functioning, RF role functioning, SF social functioning, EF emotional functioning, PF physical functioning and QL overall quality of life.

Table S2. – Mean relative validity/sensitivity (ability to detect cross-sectional differences) of the EORTC CAT Core compared to the QLQ-C30.

| Domain | Brazil | Brazil-Europe | Minimum | Maximum |
|--------|--------|---------------|---------|---------|
| AP | 1.18 | 0.09 | 0.56 | 1.72 |
| CF | 1.07 | 0.00 | 0.63 | 1.71 |
| CO | 1.14 | -0.04 | 0.77 | 1.60 |
| DI | 1.27 | -0.14 | 0.75 | 1.62 |
| DY | 4.58 | 3.32 | 0.84 | 36.24 |
| EF | 1.04 | -0.07 | 0.60 | 1.60 |
| FA | 1.04 | -0.01 | 0.72 | 1.30 |
| FI | 1.38 | -0.16 | 0.64 | 4.33 |
| NV | 1.02 | -0.11 | 0.38 | 1.48 |
| PA | 1.01 | -0.12 | 0.75 | 1.30 |
| PF | 0.95 | -0.04 | 0.60 | 1.38 |
| RF | 1.11 | -0.26 | 0.74 | 1.75 |
| SF | 1.09 | -0.06 | 0.79 | 1.53 |
| SL | 1.17 | 0.01 | 0.86 | 1.46 |
| Median | 1.10 | -0.05 | 0.95 | 4.58 |

Note: AP lack of appetite, CO constipation, DI diarrhea, DY dyspnea, FI financial difficulties, SL insomnia, NV nausea/vomiting, PA pain, FA fatigue, CF cognitive functioning, RF role functioning, SF social functioning, EF emotional functioning and PF physical functioning.