

**Supplementary Table 3** Comparison of Quality of Recovery-15 (QoR-15K) score at 48h postoperatively between the propofol-based TIVA and DES groups.

<b>QoR-15K items</b>	<b>DES group (n = 70)</b>	<b>TIVA group (n = 70)</b>	<b>Median difference<sup>a</sup> (95% CI)</b>	<b>P value</b>
Total	110 (95, 128)	125 (109, 130)	8 (1, 15)	0.022
1. Able to breathe easy	10 (8, 10)	10 (9, 10)	0 (0, 0)	0.194
2. Been able to enjoy food	8 (5, 10)	9 (6, 10)	0 (0, 1)	0.055
3. Feeling rested	8 (6, 10)	9 (7, 10)	0 (0, 1)	0.114
4. Have had a good sleep	8 (6, 10)	8 (7, 10)	0 (0, 1)	0.204
5. Able to look after personal toilet and hygiene unaided	5 (2, 9)	7 (2, 9)	0 (0, 2)	0.224
6. Able to communicate with family or friends	10 (8, 10)	10 (9, 10)	0 (0, 0)	0.047
7. Getting support from hospital doctors and nurse	10 (9, 10)	10 (10, 10)	0 (0, 0)	0.267
8. Able to return to work or usual home activities	0 (0, 4)	0 (0, 5)	0 (0, 0)	0.763
9. Feeling comfortable and in control	9 (6, 10)	10 (8, 10)	0 (0, 1)	0.069
10. Having a feeling of general well-being	7 (4, 9)	9 (6, 10)	1 (0, 2)	0.002
11. Moderate pain	6 (4, 7)	7 (5, 8)	1 (0, 1)	0.087
12. Severe pain	9 (7, 10)	9 (8, 10)	0 (0, 1)	0.089
13. Nausea or vomiting	10 (9, 10)	10 (10, 10)	0 (0, 0)	0.207
14. Feeling worried or anxious	9 (6, 10)	10 (7, 10)	0 (0, 1)	0.187
15. Feeling sad or depressed	10 (8, 10)	10 (8, 10)	0 (0, 0)	0.922

Data are presented as the median (Q1, Q3) or median difference (95% CI).

DES: desflurane anesthesia, EQ-5D-5L; TIVA: total intravenous anesthesia.

<sup>a</sup>Median differences are expressed as the TIVA group versus the DES group.