

Supplementary Table 4 Comparison of Quality of Recovery-15 (QoR-15K) score at 72h postoperatively between the propofol-based TIVA and DES groups.

QoR-15K items	DES group (n = 67)	TIVA group (n = 65)	Median difference^a (95% CI)	P value
Total	125 (113, 138)	129 (115, 140)	3 (-3, 8)	0.400
1. Able to breathe easy	10 (8, 10)	10 (9, 10)	0 (0, 0)	0.032
2. Been able to enjoy food	9 (7, 10)	10 (8, 10)	0 (0, 1)	0.282
3. Feeling rested	9 (8, 10)	10 (8, 10)	0 (0, 0)	0.337
4. Have had a good sleep	9 (8, 10)	9 (8, 10)	0 (0, 1)	0.417
5. Able to look after personal toilet and hygiene unaided	9 (5, 10)	8 (6, 10)	0 (-1, 0)	0.494
6. Able to communicate with family or friends	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.555
7. Getting support from hospital doctors and nurse	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.139
8. Able to return to work or usual home activities	4 (0, 7)	1 (0, 7)	0 (-1, 0)	0.443
9. Feeling comfortable and in control	9 (8, 10)	10 (8, 10)	0 (0, 0)	0.456
10. Having a feeling of general well-being	8 (5, 10)	9 (7, 10)	1 (0, 2)	0.030
11. Moderate pain	7 (5, 8)	8 (5, 9)	1 (0, 1)	0.086
12. Severe pain	10 (7, 10)	10 (9, 10)	0 (0, 0)	0.439
13. Nausea or vomiting	10 (10, 10)	10 (10, 10)	0 (0, 0)	0.380
14. Feeling worried or anxious	10 (8, 10)	10 (8, 10)	0 (0, 0)	0.812
15. Feeling sad or depressed	10 (9, 10)	10 (8, 10)	0 (0, 0)	0.975

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

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

^aMedian differences are expressed as the TIVA group versus the DES group.