

**Supplementary Digital Content 2 - Perioperative concentrations of neurofilament light in serum among patients with and without postoperative delirium**

<b>Timing of sampling</b>	<b>Non-delirious patients (n = 155)</b>	<b>Delirious patients (n = 65)</b>	<b>P-value</b>
Baseline, pg·ml <sup>-1</sup>	13.52 (9.80, 20.36)	18.64 (13.52, 28.16)	< 0.001*
2 hours after surgery, pg·ml <sup>-1</sup>	16.19 (12.26, 21.89) (n=154)	19.94 (15.70, 28.64)	< 0.001*
Postoperative day 1, pg·ml <sup>-1</sup>	19.79 (13.74, 27.10)	25.76 (18.39, 40.91)	< 0.001*
Postoperative day 2, pg·ml <sup>-1</sup>	22.40 (17.20, 33.51)	31.45 (22.10, 51.51)	< 0.001*
Postoperative day 5, pg·ml <sup>-1</sup>	51.20 (37.70, 70.61) (n=143)	61.75 (44.49, 83.65) (n=61)	0.007*

Continuous variables are expressed as median and percentiles (P<sub>25</sub> - P<sub>75</sub>). Number of patients with available data are mentioned between brackets.

\**P* < 0.05. P-values refer to group comparison by Mann-Whitney U test.