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Supplementary Material

The impact of cognitive reserve on delayed neurocognitive recovery after major non-cardiac surgery: an exploratory substudy

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Supplementary file 3. Sensitivity analysis.

	OR	95% CI (lower)	95% CI (upper)	*p*
First step				
Age (per year increase)	0.941	0.840	1.054	0.293
ASA physical status I&II[a]	0.930	0.208	4.166	0.925
Epidural anesthesia[b]	2.960	0.508	17.255	0.228
Sufentanil (per µg increase)	0.040	0.001	2.548	0.129
Duration of surgery	0.175	0.006	4.893	0.305
CRIq total score	0.937	0.885	0.993	0.027
Last step				
Sufentanil (per µg increase)	0.030	0.001	1.333	0.070
CRIq total score	0.935	0.884	0.988	0.017

Supplementary file 3. Multivariable logistic regression for the association between clinically relevant variables and delayed neurocognitive recovery (dependent variable). Variables were eliminated stepwise backwards. Patients, who were tested with the Montreal Cognitive Assessment were excluded from the analysis. *ASA* American Society of Anesthesiologists. The variables 'sufentanil' and 'duration of surgery' were logarithmized to achieve normal distribution. [a]Reference: ASA III. [b]Reference: no epidural anesthesia.