**Title:** Impact of postanesthesia care unit delirium on self-reported cognitive function and perceived health status: a prospective observational cohort study

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**Supplementary file 4: Laboratory parameters.**

| Variable                              | No PACU-Delirium (n=150) | PACU-Delirium (n=72) | p     |
|---------------------------------------|--------------------------|----------------------|-------|
| Hemoglobin preoperative (g/dl)        | 14.3 (13.7-15.1)         | 14.4 (13.5-15.1)     | 0.941 |
| Hemoglobin postoperative (g/dl)       | 11.4 (10.8-12.3)         | 11.5 (10.8-12.3)     | 0.972 |
| ΔHemoglobin (g/dl)                    | 2.7 (2.3-3.3)            | 2.7 (2.3-3.5)        | 0.800 |
| Sodium postoperative (mmol/l)         | 140 (139-141)            | 140 (139-142)        | 0.327 |
| Potassium postoperative (mmol/l)      | 4.1 (3.9-4.2)            | 4 (3.8-4.2)          | 0.165 |
| Creatinine preoperative (mg/dl)       | 1 (0.91-1.1)             | 0.94 (0.85-1)        | 0.003 |
| Creatinine postoperative (mg/dl)      | 0.89 (0.81-0.99)         | 0.84 (0.75-0.94)     | 0.004 |
| ΔCreatinine (mg/dl)                   | 0.1 (0.03-0.17)          | 0.11 (0.02-0.16)     | 0.782 |
| C-reactive protein postoperative (mg/l)| 42 (29-55)               | 43 (33-57)           | 0.433 |
| White blood cells postoperative (G/l) | 9.4 (7.4-11.3)           | 101 (8-12.6)         | 0.118 |

Supplementary file 4. PACU: postanesthesia care unit. Variables are presented as median with interquartile range. Δ refers to the difference between pre- and postoperative serum levels.