**Supplemental Table 3. Factors associated with decline in physical or mental function**

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| --- | --- | --- |
|  | **Physical Component Summary (n=306)** | **Mental Component Summary (n=305)** |
|  | OR (95%CI) | *p-value* | OR (95%CI) | *p-value* |
| Male gender | 0.99 (0.67-1.46) | 0.953 | 1.07 (0.74-1.55) | 0.711 |
| Age (years) | 1.02 (1.01-1.04) | 0.014 | 1.03 (1.01-1.04) | 0.002 |
| Surgical admission  | *Reference* | - | *Reference* | - |
| Medical admission  | 2.08 (1.39-3.10) | <0.0001 | 2.09 (1.43-3.03) | <0.0001 |
| Trauma admission |  5.34 (1.65-17.27) | 0.005 | 2.09 (0.84-5.19) | 0.112 |
| APACHE-ll score | 1.03 (0.99-1.07) | 0.106 | 1.00 (0.97-1.04) | 0.824 |
| Sepsis | 1.29 (0.84-1.98) | 0.246 | 1.10 (0.73-1.66) | 0.643 |
| Baseline component score  | 1.06 (1.04-1.08) | <0.0001 | 1.03 (1.01-1.05) | <0.0001 |
| Mechanical Ventilation days | 1.00 (0.95-1.05) | 0.966 | 1.00 (0.95-1.04) | 0.807 |
| Hospital length of stay | 1.00 (0.99-1.01) | 0.840 | 1.00 (0.99-1.01) | 0.947 |
| Delirium days | 0.95 (0.88-1.01) | 0.103 | 0.94 (0.89-1.00) | 0.066 |
| Sedations induced coma days | 1.15 (1.05-1.25) | <0.001 | 1.09 (1.01-1.17) | 0.021 |
| PRE-DELIRIC score | 1.02 (1.00-1.05) | 0.054 | 1.01 (0.99-1.04) | 0.203 |
| Daily haloperidol dose (per mg\*)  | 1.11 (0.98-1.26) | 0.114 | 1.05 (0.94-1.18) | 0.393 |

\*Haloperidol prophylaxis and/or open-label treatment