**Supplemental Table 1. Change in Global Cortical SUVr from 6 Weeks to 1 Year in Patients with Different Cognitive Trajectories**

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| **POCD Change Over Time** | **N** | **Median [IQR] Global Cortical SUVr Change from 6 Weeks to 1 Year** |
| **6 Week****POCD** | **1 year****POCD** |
| No | No | 4 | 0.035 [0.009 – 0.037] |
| No | Yes | 4 | 0.013 [-0.003-0.029] |
| Yes | No | 1 | 0.046 |
| Yes | Yes | 3 | 0.015 [0.009-0.018] |

POCD, postoperative cognitive dysfunction; IQR, interquartile range; SUVr, standard uptake value relative to cerebellum. These data are from patients who completed imaging at both 6-weeks and 1-year after surgery (n=12).