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| Supplementary Table 1. Subcategories within cognitive trajectories | | |
| Trajectory | N | Subcategories within the trajectory (% of each trajectory) |
| Fast Decliners | 135 | Curvilinear(75%), zig-zag(19%), late decliners(6%) |
| Slow Decliners | 127 | Curvilinear(47%), zig-zag(21%), late decliners(31%) |
| Zig-Zag Stable | 66 | Improve then decline (36%), decline then improve (59%), double zig-zag (5%) |
| Stable | 66 | No subcategories |
| Improvers | 20 | Zig-zag (15%); unidirectional improvers (85%) |

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| Supplementary Table 2. Probability of remaining in a trajectory group at 5 years based on status in a given year. | | | | | | | | | | |
|  | 1st year | Percent of the total sample | 2nd year | Percent of the total sample | 3rd year | Percent of the total sample | 4th year | Percent of the total sample | 5th year | Percent of the total sample |
| Decliner groups (N=262) | 86% | 21% | 90% | 30% | 91% | 44% | 92% | 54% | 100% | 63% |
| Stable/Improver groups  (N=152) | 43% | 79% | 48% | 70% | 59% | 56% | 70% | 46% | 100% | 37% |