**Table S2:**

A. Positive evidence ratio of arm function for subjects with medium to low arm function

|  |  |  |  |
| --- | --- | --- | --- |
| Regressors | 1 parameter model | 2-parameter models | 3parameter model |
| F(t-1) | 12:3 | 19:3 | -- |
| U(t-1)  | 11:5 | 18:4 | -- |
| F(t-1) and U(t-1)  | ***(1-)F(t-1)+U(t-1)***  | 19:3 | 19:3 |

B. Positive evidence ratio of arm use for subjects with medium to low arm function

|  |  |
| --- | --- |
| Regressors | Models |
| F(t) (linear) | 16:1 |
| F(t-1) (linear) | 16:1 |
| F(t) (sigmoidal) | 4:13  |
| F(t-1) (sigmoidal) | ***1/(1+exp[-(*** ***F(t-1)-******)])*** |