Supplementary Table S2: Group based trajectory model of TV viewing time selection in a sample of community-dwelling older adults (n=1938).

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **BIC** | **Log Bayes Factor (2\*ΔBIC)** | **Estimated Group %** | **Actual Group %** | **Posterior probability** | **Significance of polynomial function** | **Outcome** |
| 2 2 | -23273.5 |  | 49.59 50.41 | 49.65101 50.34899 | .9691478 .9683871 | 0.48 0.16 |  |
| 2 2 2 | -21853.1 | 2840.76 | 24.56 49.90 25.54 | 24.64807 49.93115 25.42078 | .9506397 .9448027 .9382913 | 0.72 0.41 <0.05 | Improved Log Bayes Factor; all other factors within limits |
| 2 2 2 2 | -21265 | 1176.16 | 24.36 14.09 39.89 21.67 | 24.32687 14.15631 39.57382 21.94301 | .949794 .8770353 .9184056 .9386288 | 0.44 <0.001 <0.001 <0.05 | Improved Log Bayes Factor; all other factors within limits |
| 2 2 2 2 2 | -20829.4 | 871.22 | 12.33 25.75 35.24  13.05 13.62 | 12.33351 25.76513 34.99161 13.20523 13.70451 | .9271311 .8875106 .9081002 .8919091 .9225789 | <0.05 <0.001 <0.001 <0.001 <0.001 | Improved Log Bayes Factor; all other factors within limits |
| 2 2 2 2 2 2 | -20610.8 | 437.2 | 9.70 13.36  22.76 30.55 18.68  4.95 | 9.74632 13.51657 22.29034 30.20790 18.85660 5.38228 | .9203123 .8891232 .8734098 .8734765 .8692672 .9231775 | <0.001 <0.001 <0.001 0.06 0.75 <0.05 | Improved Log Bayes Factor; all other factors within limits |
| 2 2 2 2 2 2 2 | -20402 | 417.56 | 9.86 11.66 20.54 29.41 5.47  18.01 5.06 | 9.80311 11.85283 20.10133 28.67728 6.01184 18.18667 5.36695 | .9182836 .8692195 .8668033 .8671529 .8415434 .8663179 .9118045 | <0.001 <0.001 0.22 0.25 <0.001 0.98 <0.05 | **Improved Log Bayes Factor but groups no longer meaningful; Additional group likely reflecting missing values at T2** |
| 2 2 2 2 1 2 | -20607 | 7.48 | 9.70 22.76 13.36 30.60 18.78 4.80 | 9.74619 22.27786 13.52964 30.28302 18.92921 5.23407 | .9203228 .8733551 .8895644 .8742128 .8703545 .9265128 | <0.001 <0.001 <0.001 <0.001 0.05 <0.001 | Reducing polynomial order |

Abbreviations: BIC, bayesian information criterion