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 |  | 49.5950.41 | 49.6510150.34899 | .9691478.9683871 | 0.480.16 |   |
| 2 2 2 | -21853.1 | 2840.76 | 24.5649.9025.54 | 24.6480749.9311525.42078 | .9506397.9448027.9382913 | 0.720.41<0.05 | Improved Log Bayes Factor; all other factors within limits |
| 2 2 2 2 | -21265 | 1176.16 | 24.3614.0939.8921.67 | 24.3268714.1563139.5738221.94301 | .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 | 12.3325.7535.24 13.0513.62 | 12.3335125.7651334.9916113.2052313.70451 | .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 | 9.7013.36 22.7630.5518.68 4.95 | 9.7463213.5165722.2903430.2079018.856605.38228 | .9203123.8891232.8734098.8734765.8692672.9231775 | <0.001<0.001<0.0010.060.75<0.05 | Improved Log Bayes Factor; all other factors within limits |
| 2 2 2 2 2 2 2 | -20402 | 417.56 | 9.8611.6620.5429.415.47 18.015.06 | 9.8031111.8528320.1013328.677286.0118418.186675.36695 | .9182836.8692195.8668033.8671529.8415434.8663179.9118045 | <0.001<0.0010.220.25<0.0010.98<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 | 9.7022.7613.3630.6018.784.80 | 9.7461922.2778613.5296430.2830218.929215.23407 | .9203228.8733551.8895644.8742128.8703545.9265128 | <0.001<0.001<0.001<0.0010.05<0.001 | Reducing polynomial order  |

Abbreviations: BIC, bayesian information criterion