## Supplementary Material

**Table S1.** Comparison of BIC between the selected fitted-model

| Number of groups | Order\(^a\) | BIC    |
|------------------|-------------|--------|
| 1                | 2           | -43420.28 |
| 2                | 2 2         | -39575.18 |
| 3                | 2 2 2       | -37541.61 |
| 4                | 2 2 2 2     | -36556.17 |
| 5                | 2 2 2 2 2   | -36033.62 |
| 4                | 1 2 2 1     | **-36552.88\(^b\)** |

BIC, Bayesian Information Criteria.

\(^a\)Polynomial (0=intercept, 1=linear, 2=quadratic, 3=cubic) for each group.

\(^b\)BIC value of the model selected in the analysis.