

Supplementary Table 1. Comparison of BICs from selected model fitted

No. of groups	Order ^a	BIC
Men		
1	2	-23258.25
2	2 2	-22700.00
3	2 2 2	-22654.34
4	2 2 2 2	-22617.66
5	2 2 2 2 2	-22566.66
4	1 2 2 1 ^b	-22590.95 ^b
Women		
1	2	-35044.50
2	2 2	-34092.36
3	2 2 2	-33958.32
4	2 2 2 2	-33916.58
5	2 2 2 2 2	-33859.67
4	1 3 1 2 ^b	-33900.39 ^b

Abbreviation: BIC, Bayesian Information Criteria.

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

^bBIC value of the model selected in the analysis.