

S1 Table: Further results from trajectory models: criteria used to determine appropriate number of trajectories for each outcome

Outcome and number of groups	Bayesian Information Criterion (BIC)	Null model for comparison (simpler model with 1 less group)	Change in BIC	Estimated % in smallest group
QLACS-GSS				
1	-13230.49	0		
2	-12660.31	1	570.18	35.8%
3	-12459.04	2	201.27	13.1%
4	-12346.46	3	112.58	5.3%
5	-12326.90	4	19.56	2.4%
6	-12323.12	5	3.78	2.1%
EQ-5D utility index				
1	-1108.27	0		
2	-887.93	1	220.34	40.1%
3	-813.95	2	73.98	8.5%
4	-788.31	3	25.64	7.4%
5	-781.13	4	7.18	3.9%
6	-784.70	5	-3.57	3.2%
Personal Wellbeing Index				
1	-12661.28	0		
2	-12143.80	1	517.48	29.3%
3	-11982.36	2	161.44	9.0%
4	-11928.78	3	53.58	4.2%
5	-11917.15	4	11.63	3.4%
6	-11940.61	5	-23.46	2.9%

Final selected models are highlighted in bold