

Supplementary file 2 – Latent Class Analysis – model selection and response probabilities

Model selection for LCA of physical measurement methods						
N class	G ²	df	AIC	BIC	ℓ	%
1	201.60	26	211.60	229.95	-814.64	100.0
2	36.66	20	58.66	99.03	-732.18	100.0
3	12.04	14	46.04	108.43	-719.87	100.0
4	6.37	8	52.37	136.78	-717.03	27.0

Response Probabilities for the 5 PA measurement methods for each Latent Classes			
	1	2	3
	n=91	n=157	n=42
Class membership probabilities	0.3466	0.4962	0.1572
Item response probabilities			
Use simple sensors, yes	0.4083	0.0438	0.7518
Use complex sensors, yes	0.1373	0.0104	0.7801
Use paper/digital questionnaires, yes	0.9363	0.2942	0.6741
Use paper/digital diaries, yes	0.5740	0.0949	0.6754
Use ACT, yes	0.3209	0.0647	1.0