

Unrestricted LCA, Activities of daily living (ADL)



Figure from Flaherty, B. P. & Shono, Y. (2021), Many Classes, Restricted Measurement (MACREM) Models for Improved Measurement of Activities of Daily Living, *Journal of Survey Statistics and Methodology*, 9(2), 231–256. doi:10.1093/jssam/smaa047.

MACREM ADL results

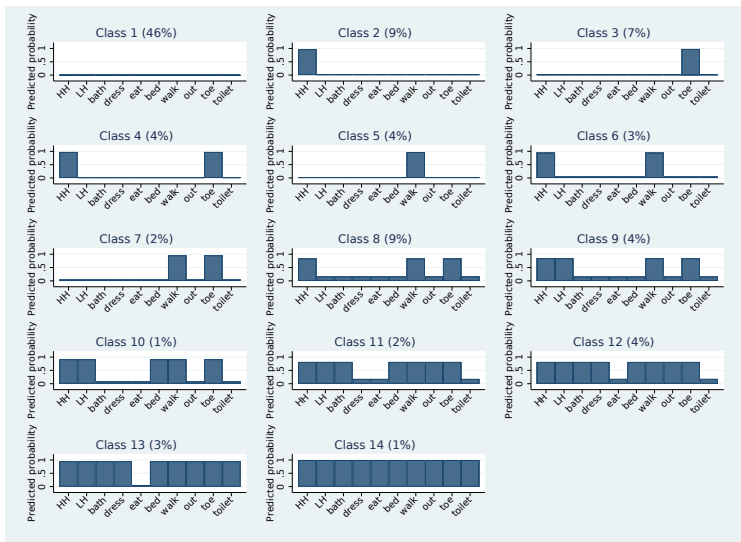


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Example covariate association comparison

Binary disability predictor; Low/None is the reference; OR (95% CI).

Unrestricted four class model

Class 2	Class 3	Class 4
2.469 (1.317, 3.621)	3.300 (1.771, 4.828)	3.377 (1.462, 5.293)

MACREM model

Class 2	Class 3	Class 4
1.063 (0.510, 2.213)	1.563 (0.820, 2.981)	1.244 (0.421, 3.677)
Class 5	Class 6	Class 7
3.292 (1.741, 6.226)	3.004 (1.322, 6.827)	0.989 (0.133, 7.339)
Class 8	Class 9	Class 10
2.101 (0.975, 4.523)	6.294 (2.981, 13.286)	5.521 (1.449, 21.031)
Class 11	Class 12	Class 13
1.042 (0.010, 114.180)	3.744 (1.730, 8.103)	2.707 (1.130, 6.495)
Class 14		
2.990 (0.903, 9.899)		

Estimates from Flaherty, B. P. & Shono, Y. (2021), Many Classes, Restricted Measurement (MACREM) Models for Improved Measurement of Activities of Daily Living, *Journal of Survey Statistics and Methodology*, 9(2), 231–256. doi:10.1093/jssam/smaa047.