## Class-membership probabilities for LCA model (Complete Sample) Class 1 (20.43%) Class 2 (25.94%) Class 3 (10.70%) **Smoking** 1.00 Non-smoker **Smoker** 0.75 0.50 **Alcohol consumption Abstainer** 0.25 Moderate Hazardous Alcohol consumption\_4 Alcohol consumption\_5 Alcohol consumption\_6 Alcohol consumption\_7 Alcohol consumption\_7 Physical activity\_5 Physical activity\_6 Physical activity\_7 Physical activity\_7 Fruit Veg\_4 Fruit Veg\_5 Fruit Veg\_6 Fruit Veg\_6 Fruit Veg\_6 Smoking\_4 Smoking\_5 Smoking\_6 Smoking\_7 Smoking\_7 Class 4 (24.16%) Class 5 (18.77%) Physical activity\_ Harmful 1.00 **Physical activity** 0.75 Sedentary Low 0.50 Moderate High 0.25 0.00 Smoking\_4 Smoking\_5 Smoking\_6 Smoking\_7 Smoking\_8 Alcohol consumption\_4 Alcohol consumption\_5 Alcohol consumption\_5 Alcohol consumption\_6 Alcohol consumption\_6 Alcohol consumption\_7 Alcohol consumption\_6 Physical activity\_4 Physical activity\_7 Physical activity\_6 Physical activity\_7 Physical activity\_8 Fruit Veg\_4 Fruit Veg\_6 Fruit Veg\_6 Fruit Veg\_7 Fruit Veg\_7 Physical activity\_4 Physical activity\_5 Physical activity\_6 Physical activity\_7 Physical activity\_8 Fruit Veg\_4 Fruit Veg\_5 Fruit Veg\_6 Smoking\_4 Smoking\_5 Smoking\_6 Smoking\_7 Smoking\_7 Alcohol consumption\_5 | Alcohol consumption\_6 | Alcohol consumption\_7 | Alcohol consumption\_8 | Fruit & vegetable intake 4 Alcohol consumption\_ <5/day >=5/day

Health behaviours across waves

Item-class probabilities