## Class-membership probabilities for LCA model (Complete Sample) Low-risk (20.95%) Low-risk yet heavy drinkers (11.09%) Low-risk yet inactive (22.21%) **Smoking** 1.00 Non-smoker **Smoker** 0.75 0.50 **Alcohol consumption Abstainer** 0.25 Moderate Hazardous Inactive, heavy drinkers (17.18%) Do nothing (18.10%) High-risk smokers (10.47%) Harmful 1.00 **Physical activity** 0.75 Sedentary Low 0.50 Moderate High 0.25 0.00 Physical activity\_5 Physical activity\_6 Physical activity\_7 Physical activity\_8 Fruit Veg\_4 Fruit Veg\_5 Fruit Veg\_6 Fruit Veg\_6 Fruit Veg\_7 Smoking\_4 Smoking\_5 Smoking\_6 Smoking\_7 Smoking\_7 Smoking\_8 Alcohol consumption\_4 Alcohol consumption\_5 Alcohol consumption\_6 Alcohol consumption\_7 Alcohol consumption\_8 Physical activity\_4 Physical activity\_5 Physical activity\_6 Physical activity\_7 Physical activity\_7 Physical activity\_8 Fruit Veg\_5 Fruit Veg\_5 Fruit Veg\_6 Fruit Veg\_6 Fruit Veg\_6 Fruit Veg\_6 Physical activity\_4 Physical activity\_5 Physical activity\_5 Physical activity\_7 Physical activity\_7 Physical activity\_8 Fruit Veg\_4 Fruit Veg\_5 Fruit Veg\_5 Fruit Veg\_6 Fruit Veg\_6 Alcohol consumption\_5 | Alcohol consumption\_6 | Alcohol consumption\_7 | Alcohol consumption\_8 | Smoking\_4 Smoking\_5 Smoking\_6 Smoking\_7 Smoking\_7 ω. Smoking\_4 Smoking\_5 Smoking\_6 Smoking\_7 Smoking\_7 Fruit & vegetable intake 4 6 2 Alcohol consumption\_5 Alcohol consumption\_6 Alcohol consumption\_7 Alcohol consumption\_8 Alcohol consumption\_ <5/day >=5/day

Health behaviours across waves

Item-class probabilities