

SLOPE

(Studying Lifecourse Obesity PrEdictors) :
utilising routine data for the prevention of
childhood obesity

Dr Nisreen Alwan

Associate Professor in Public Health
Faculty of Medicine
University of Southampton



In England ..



28%
of children
aged 2 to 15 are
**overweight
or obese**

Younger generations are becoming
obese at earlier ages and staying
obese into adulthood



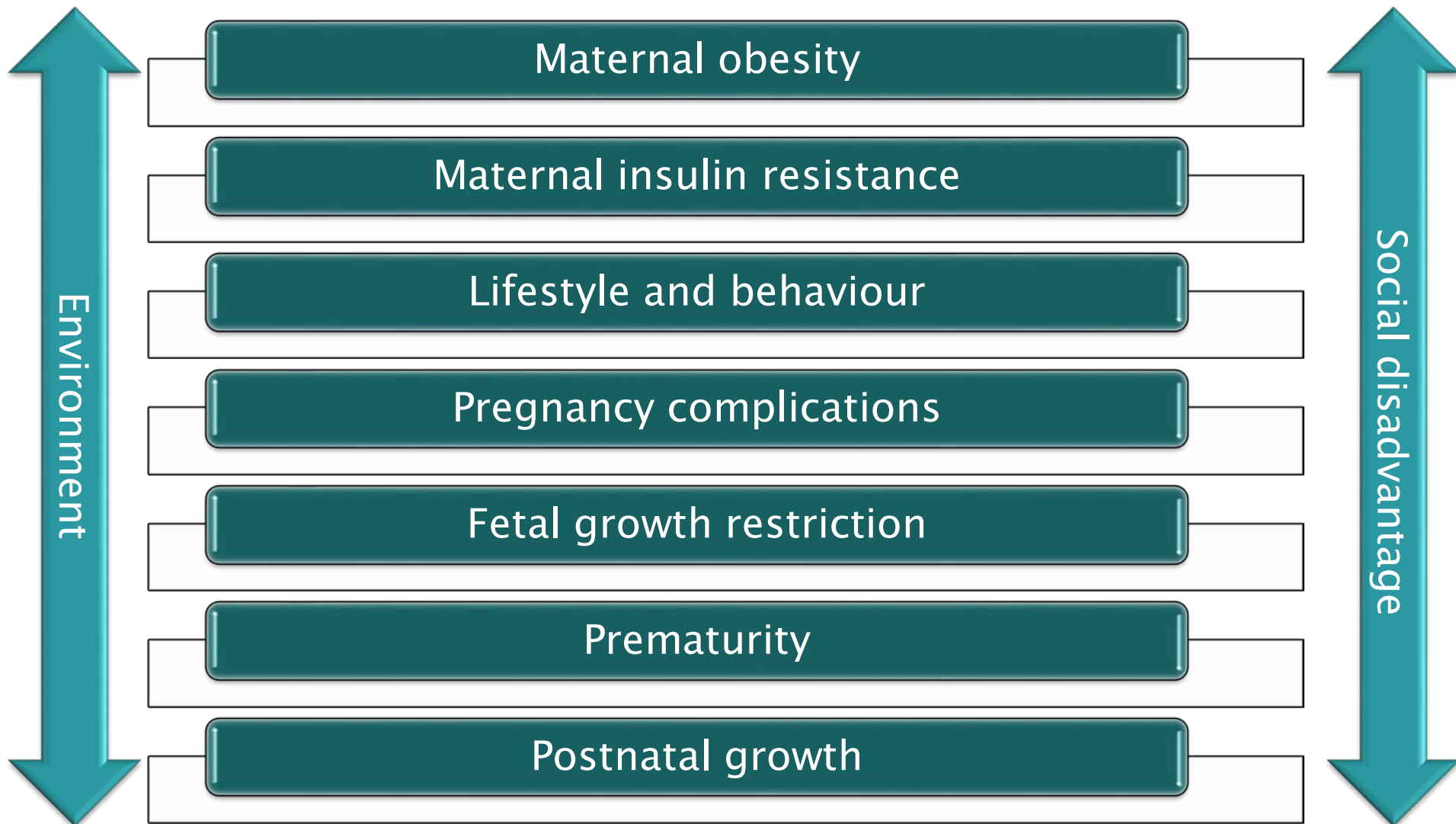
Of every 100 4 & 5 year olds in England
there are...



Of every 100 10 & 11 year olds in England
there are...



The developmental origins of obesity



**No system-based early
identification of obesity
risk at pregnancy or
infancy stage**

Can we use routinely-collected data to quantify childhood obesity risk at an early stage (preconception, pregnancy, infancy) to target preventive interventions?

The question is ..



The data ..

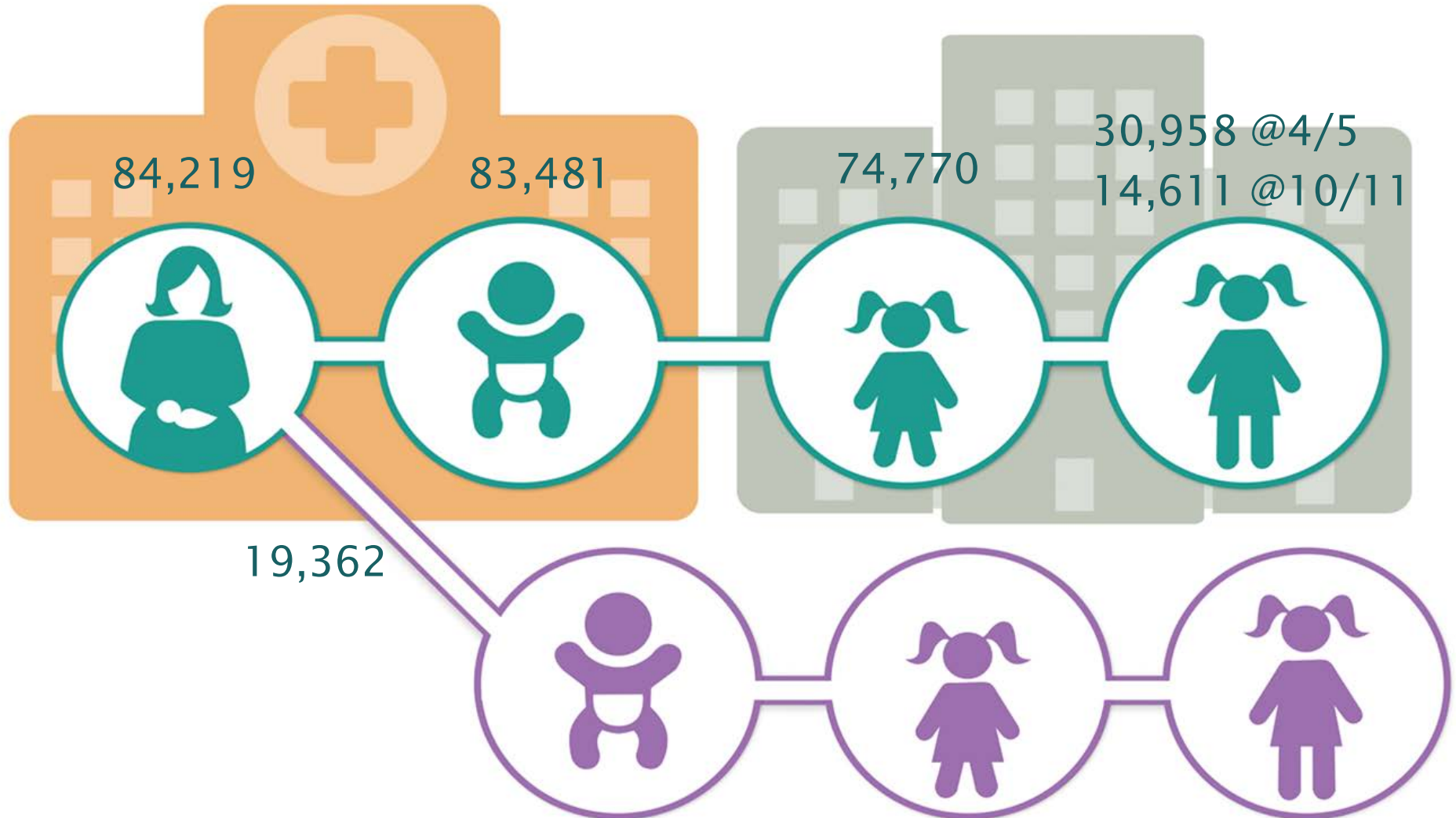
UHS
2003-2018

Ordnance
Survey

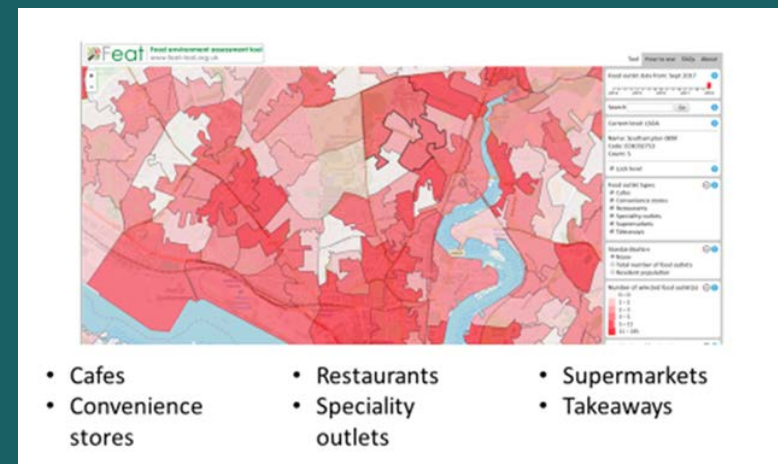
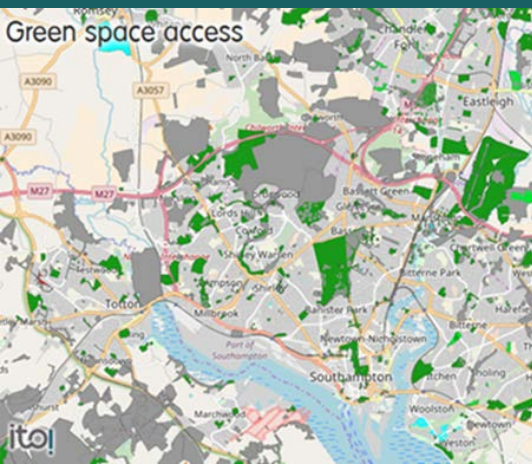
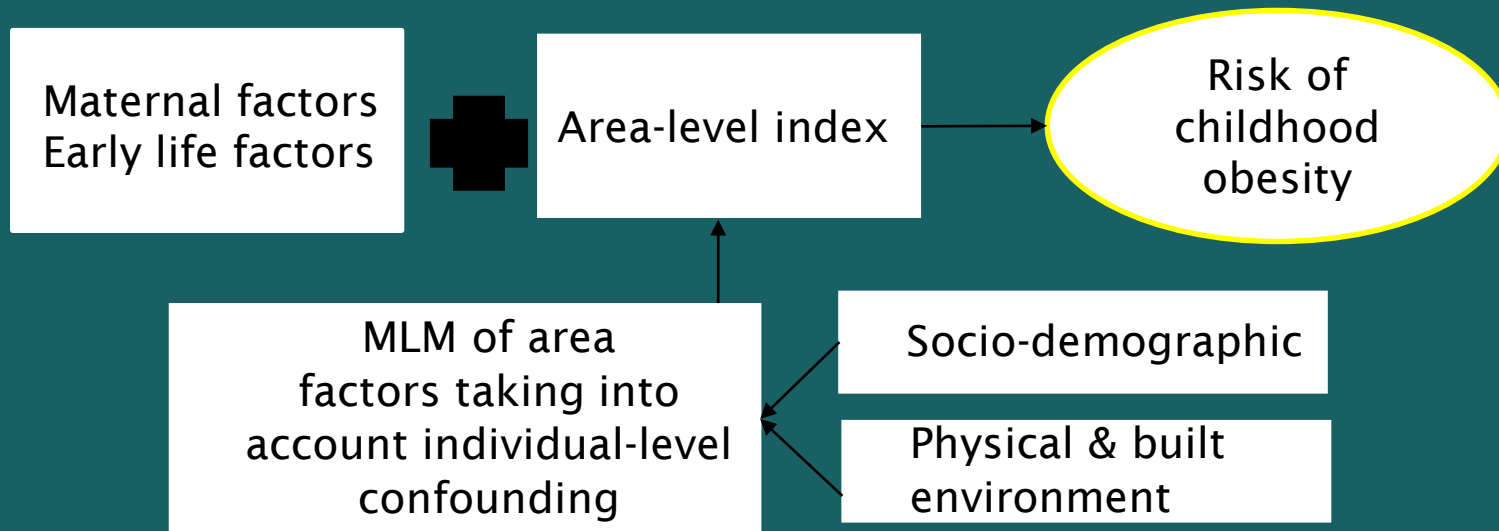
Population-
based linked
cohort

Southern
Health

Solent Health



Predicting childhood obesity risk: Environmental measures



Family-centred research



Interconception
changes

Health inequalities



In conclusion ..



n.a.alwan@soton.ac.uk

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