

The far reaching benefits of a good start in life

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Society and Health (ICLS)

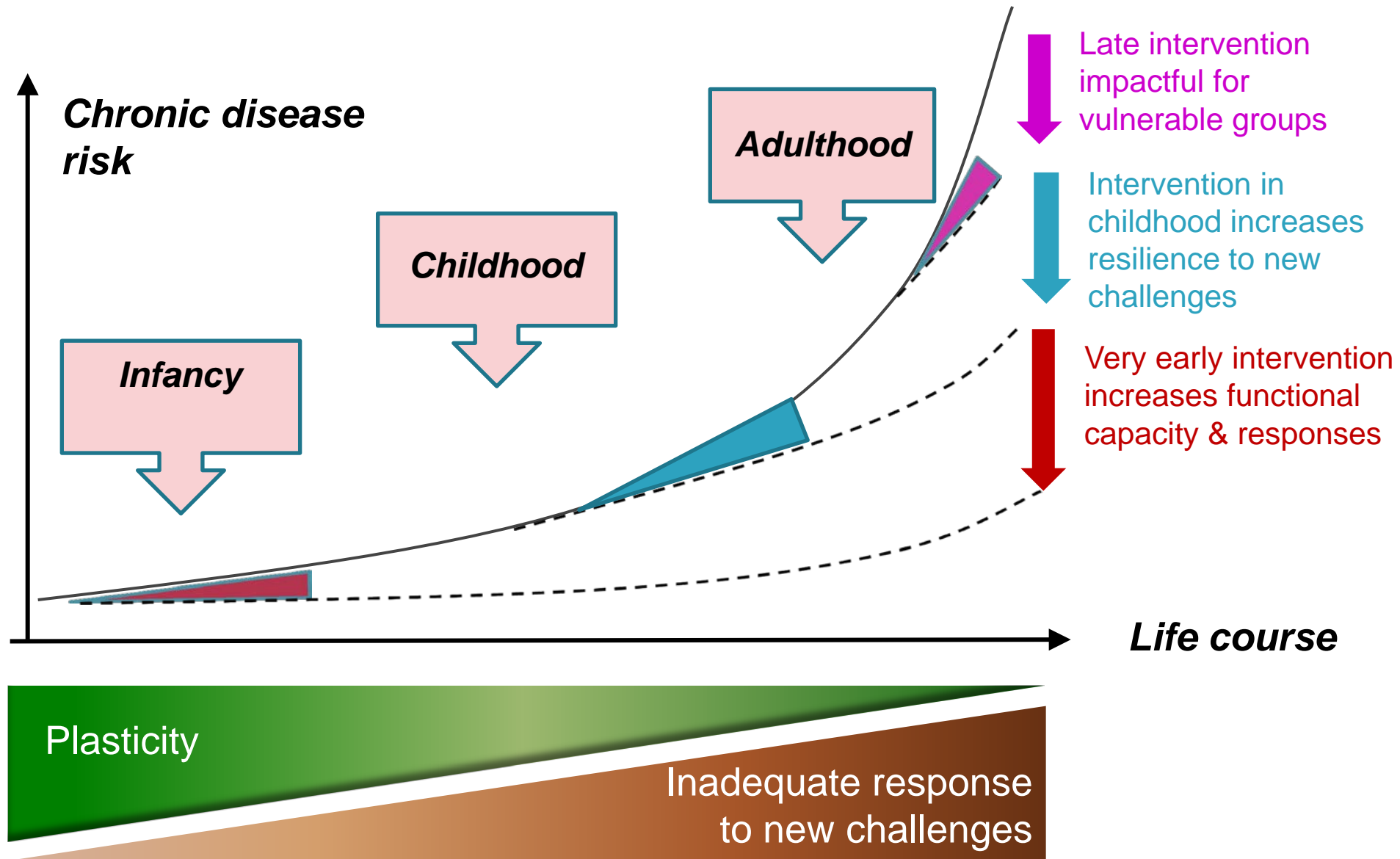
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- The lifecourse approach
- Influences on human development
- Social change – what the future might hold
- Prevention and intervention

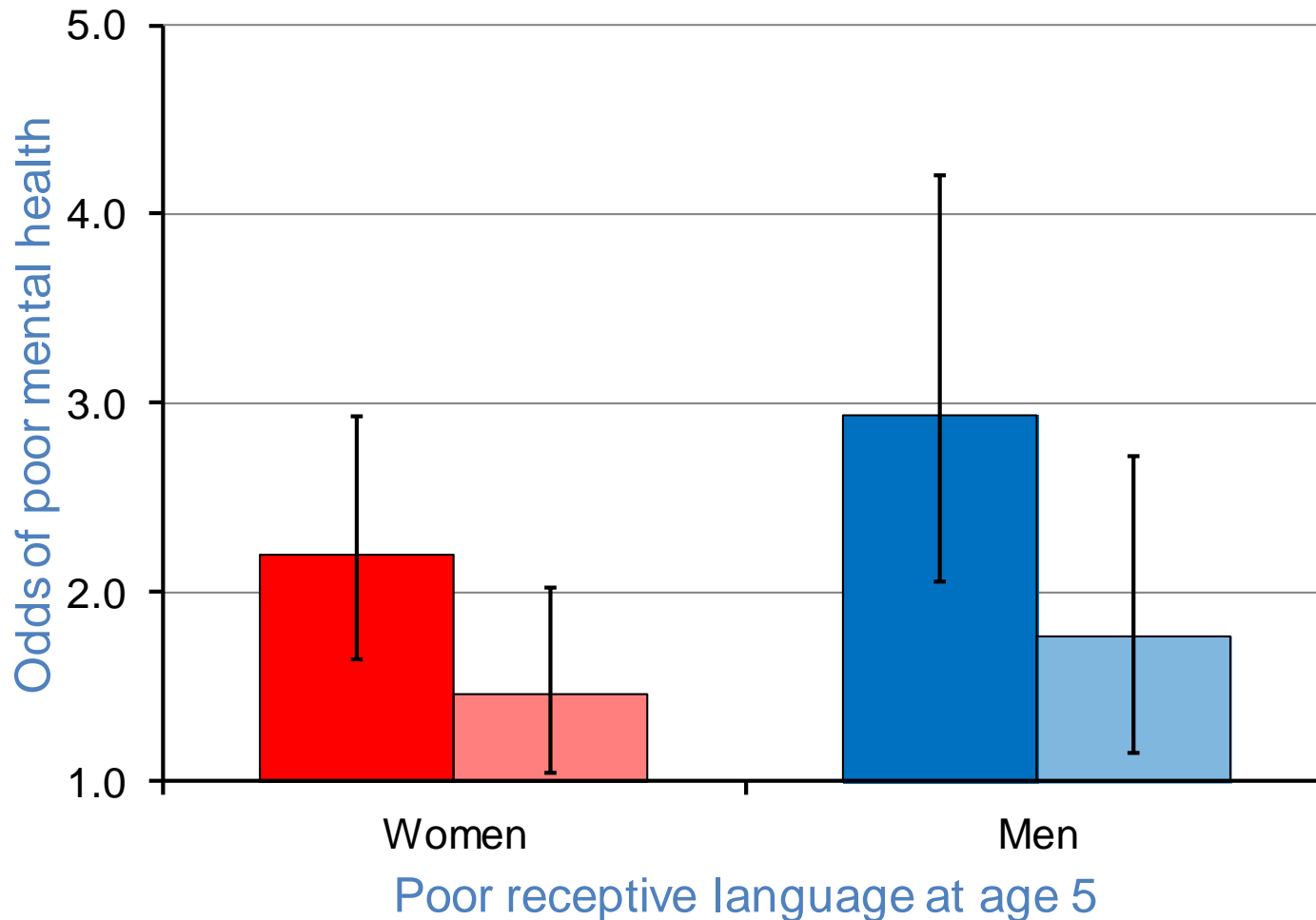
Evidence from longitudinal research

- How early life social circumstances and early development link to life chances
- Cohort and panel studies from UK, Northern Europe, US, Australia, New Zealand

Lifecourse strategy for disease prevention

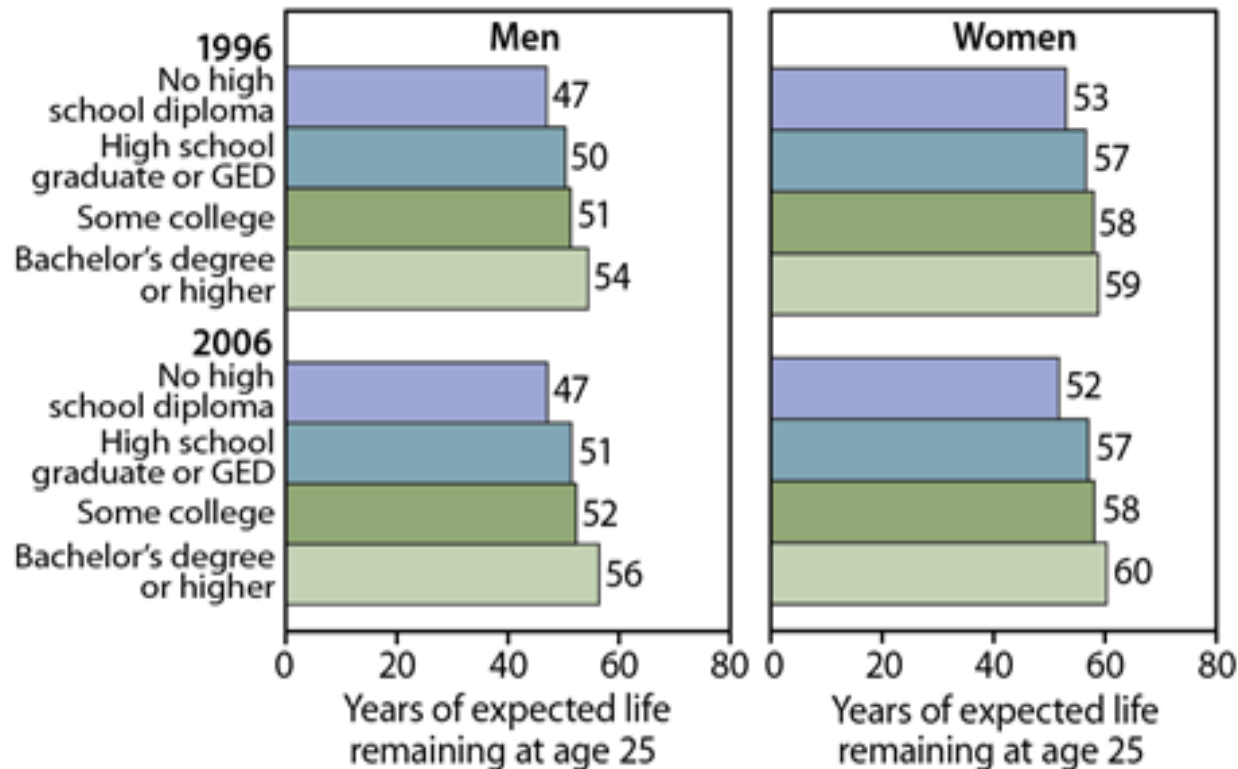


Predictive effect of linguistic development in early childhood on adult mental health at age 34



Life expectancy by highest qualification at age 25 for men and women USA 1996 and 2006

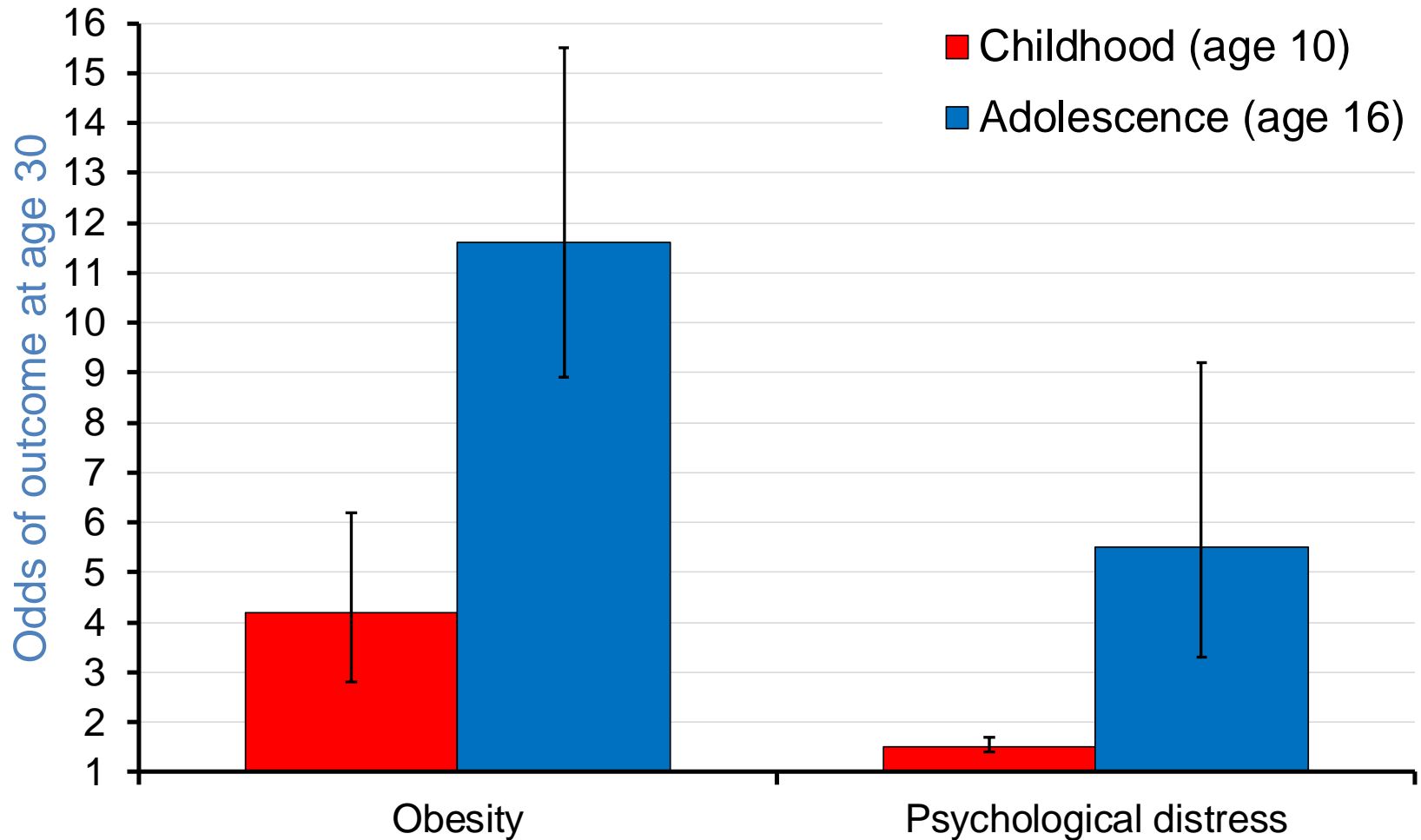
Life expectancy at age 25



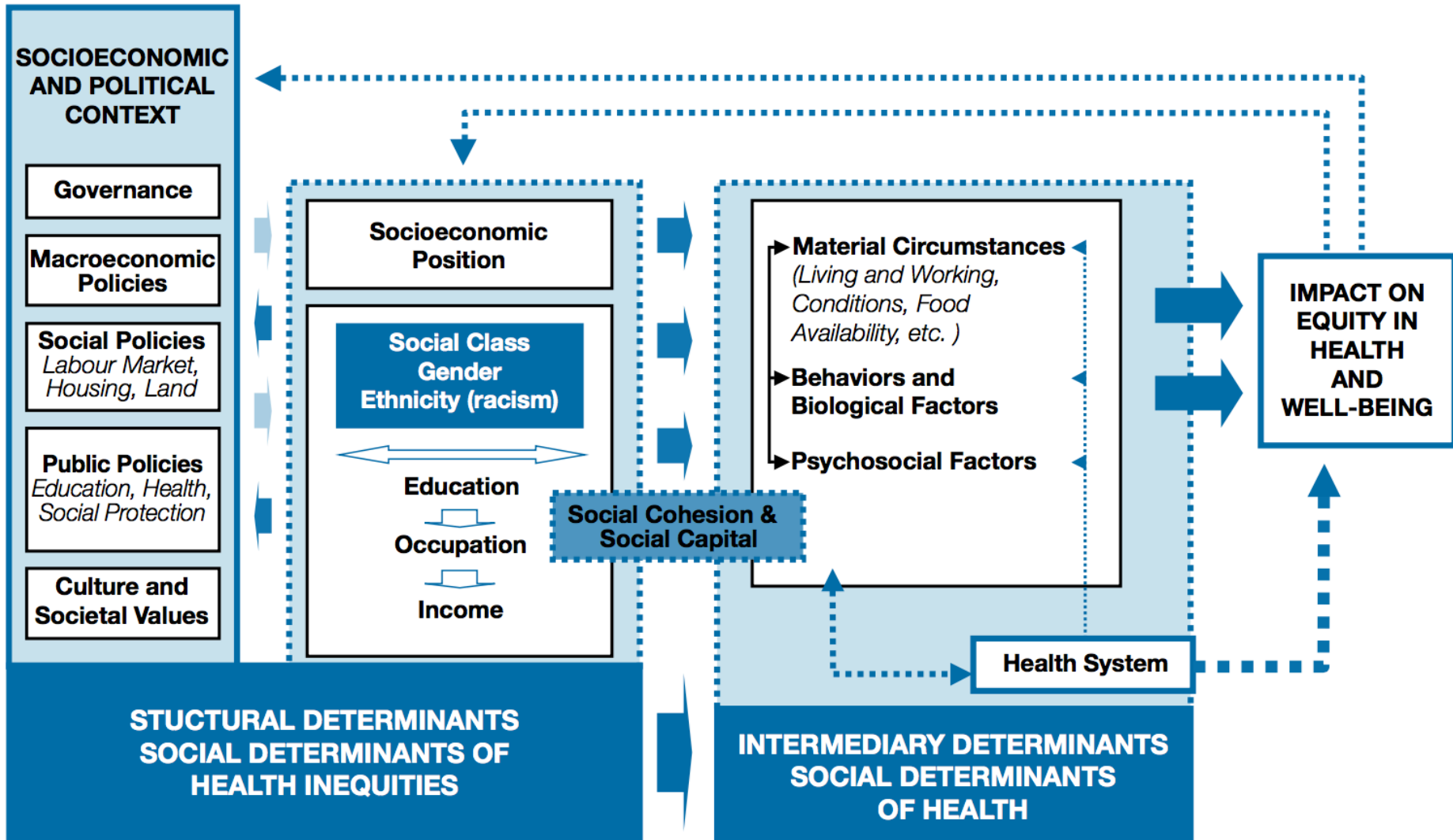
NOTE: GED is General Educational Development high school equivalency diploma.

SOURCE: CDC/NCHS, Health, United States, 2011, Figure 32. Data from the National Health Interview Survey Linked Mortality File.

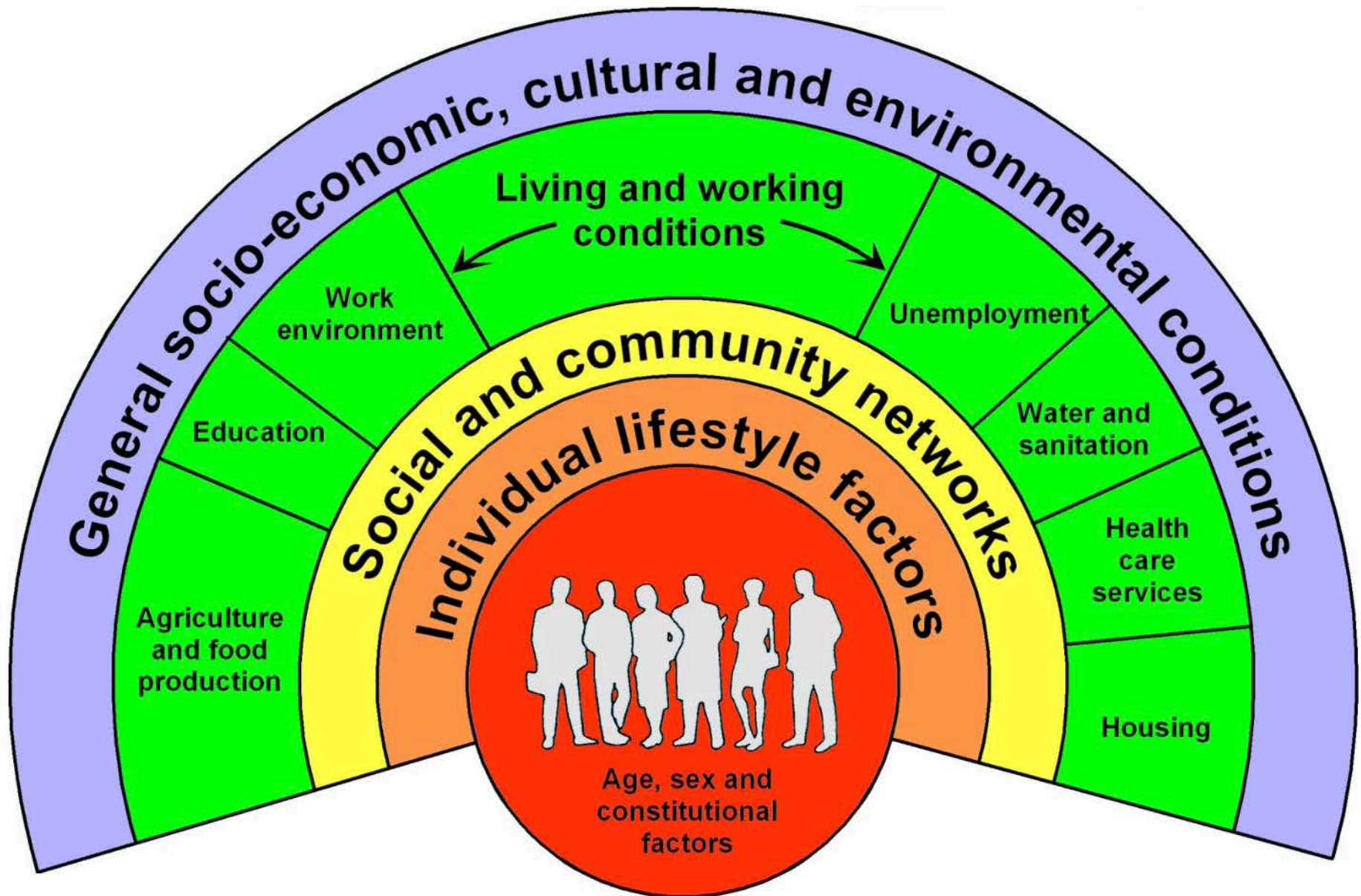
Risks of obesity and psychological distress at age 30



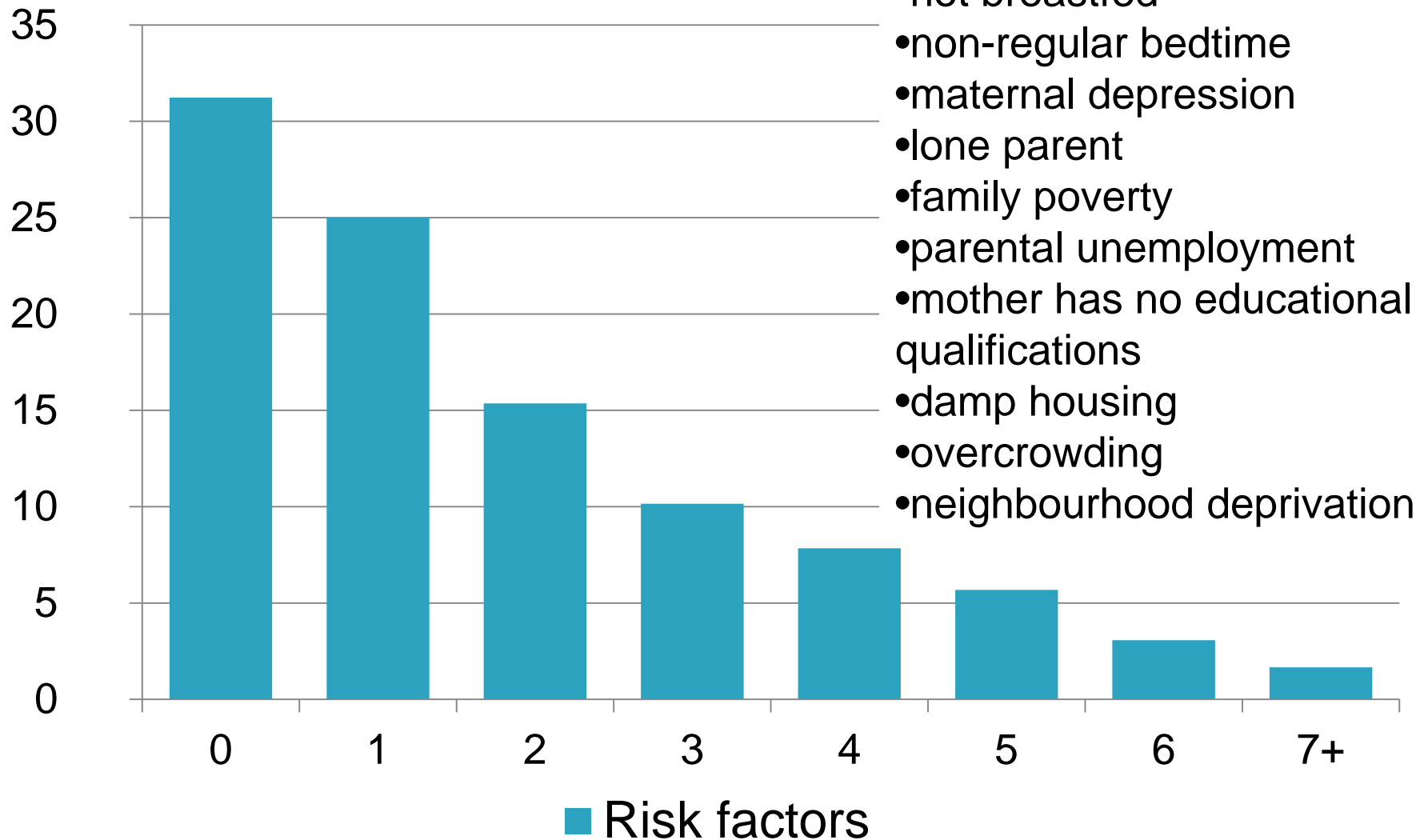
CSDH conceptual framework for action on the social determinants of health



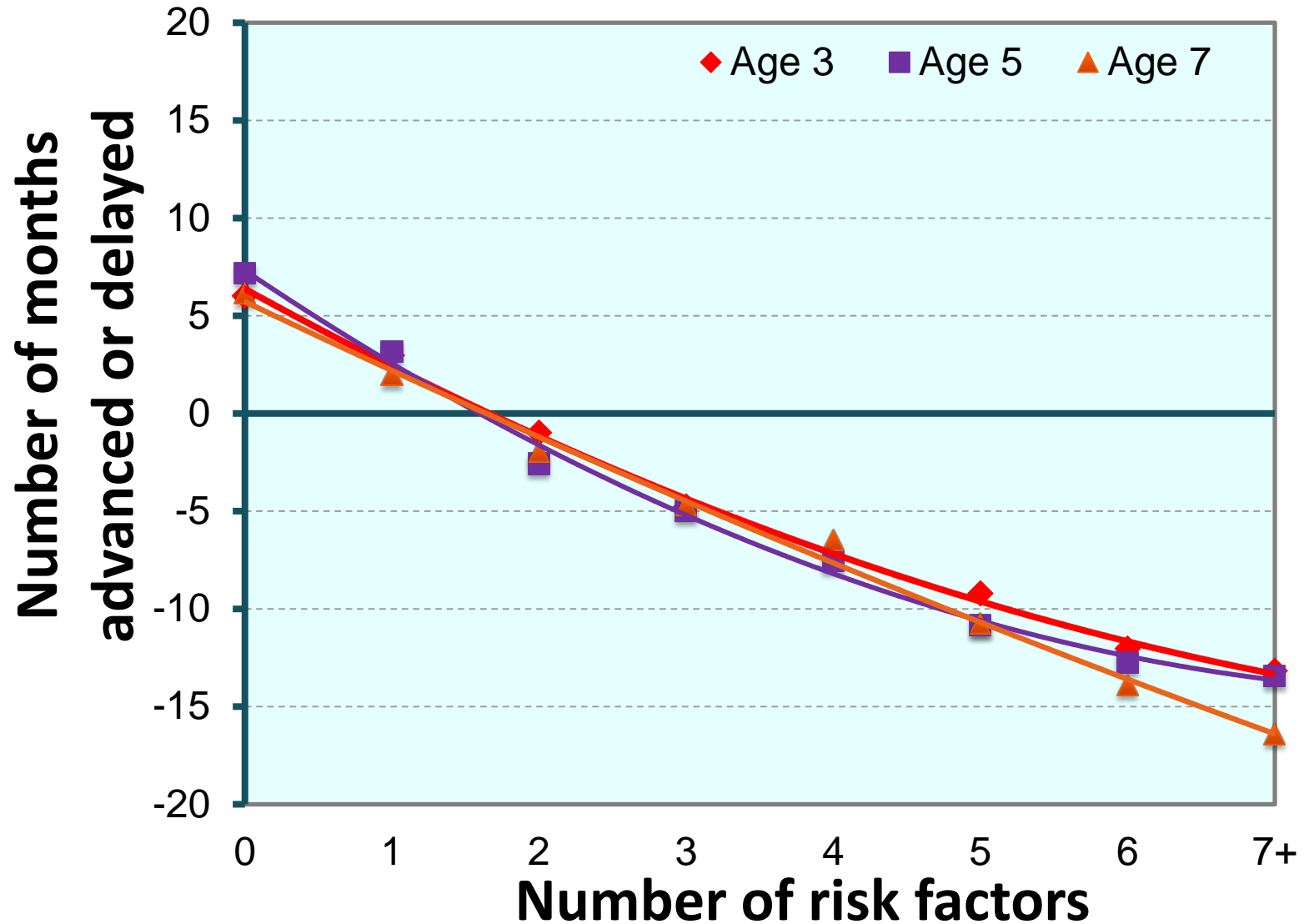
Solar O, Irwin A (2010): A Conceptual framework for action on the social determinants of health. Social Determinants of Health Discussion Paper 2 (Policy and Practice). Geneva: World Health Organization.



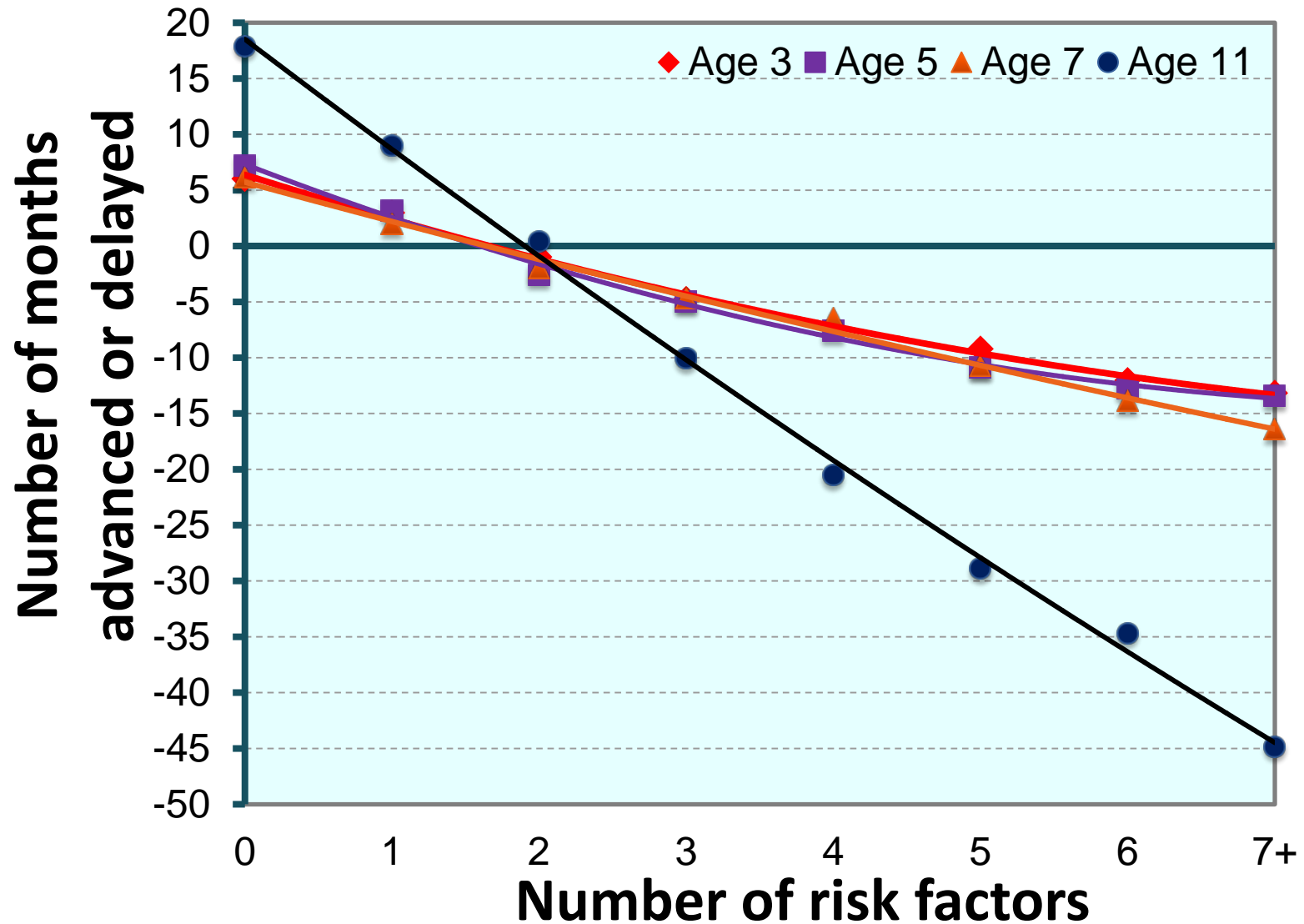
Percentage of children exposed to risk factors at age 7



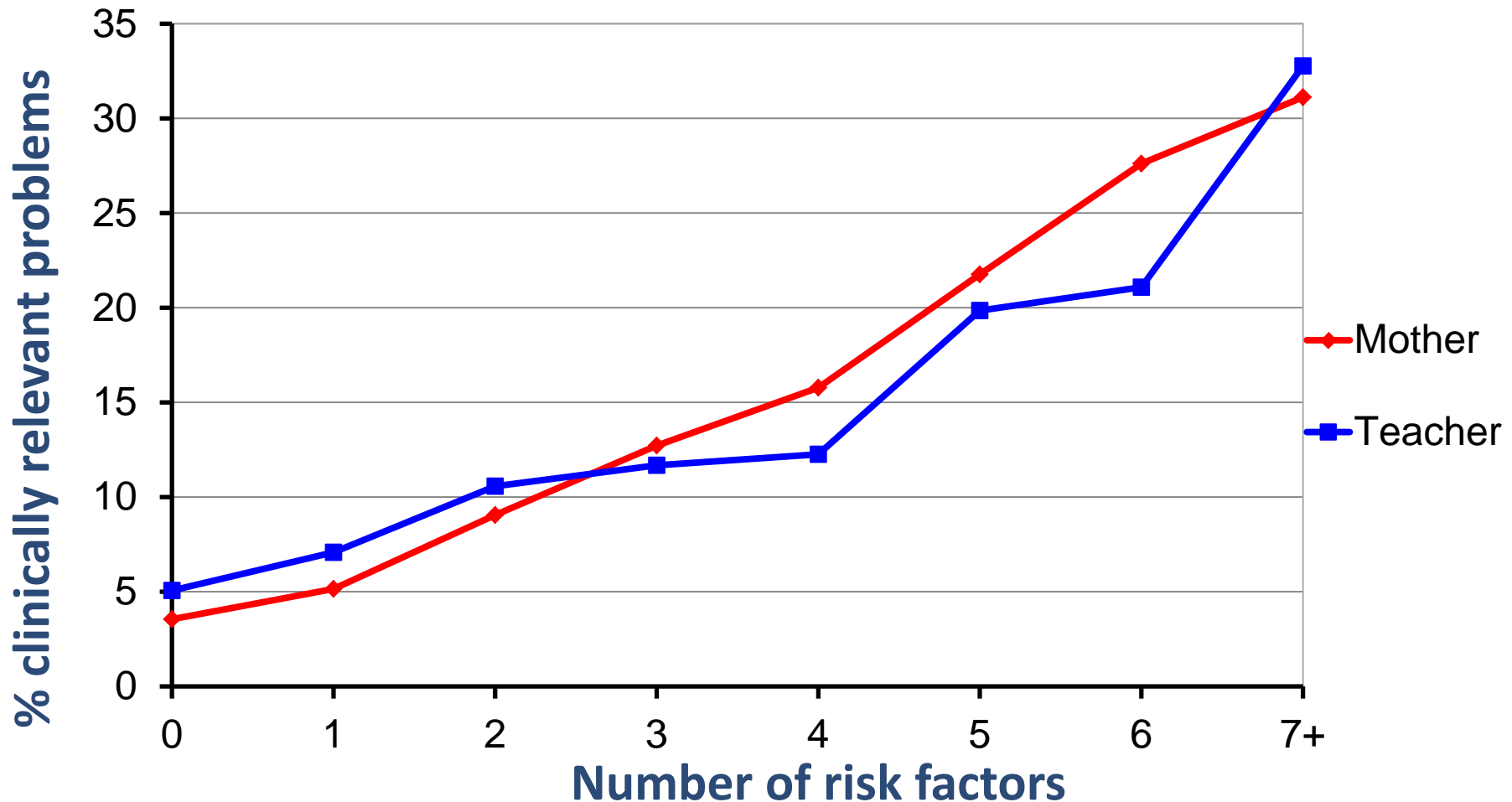
Verbal months ahead or behind at ages 3, 5 & 7 by number of risk factors



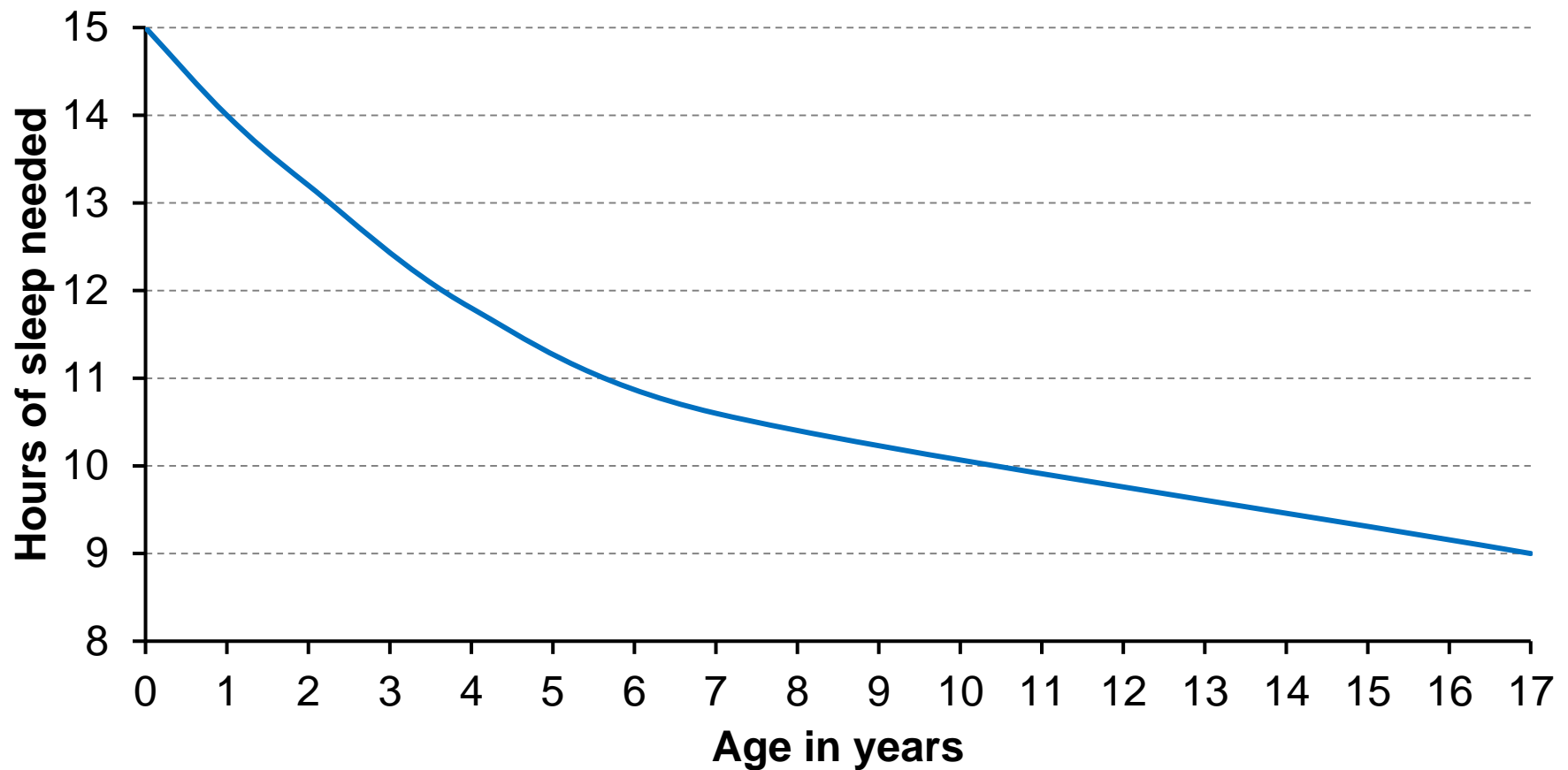
Verbal months ahead or behind at ages 3, 5, 7 & 11 by number of risk factors



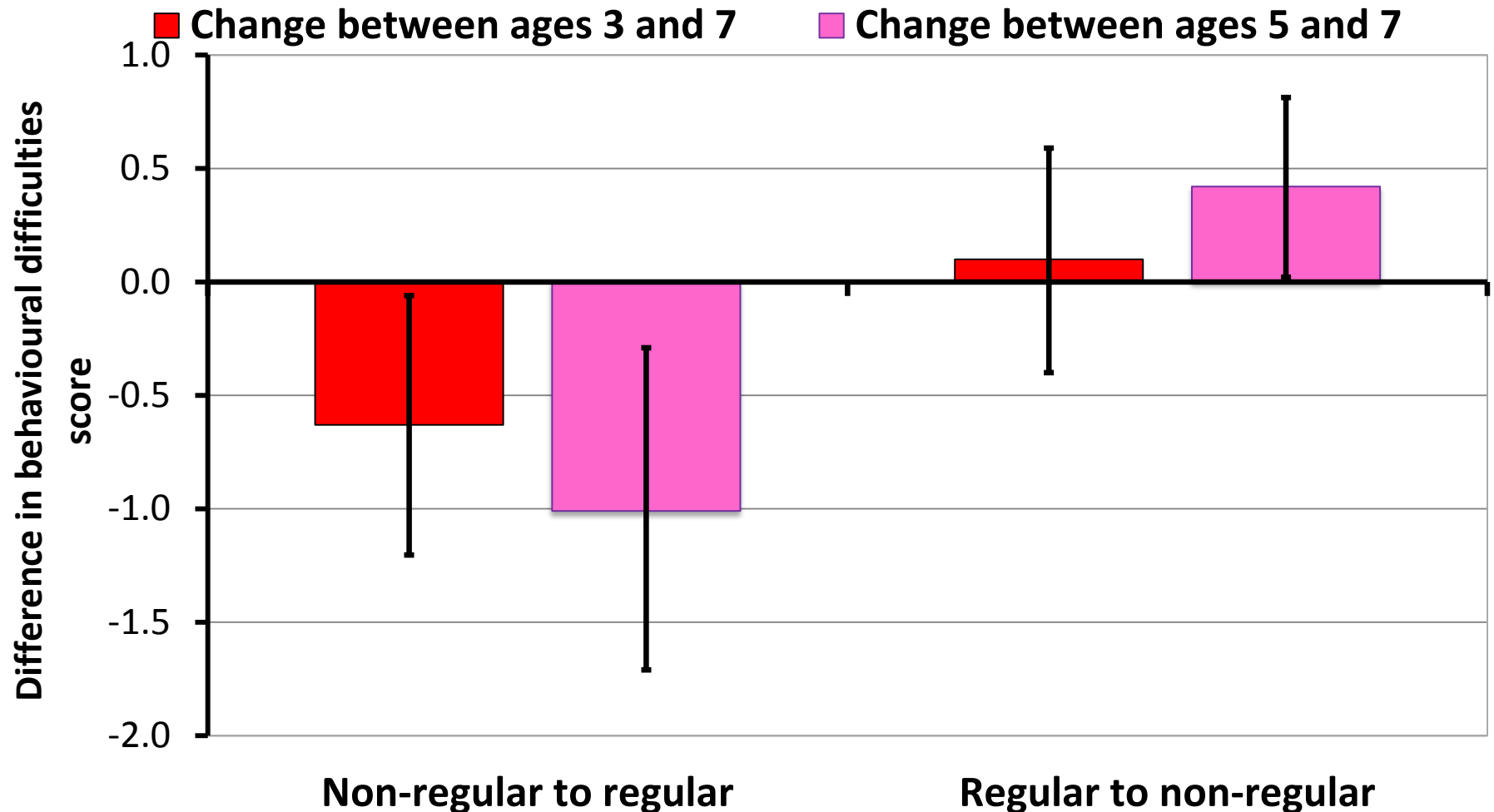
Clinically relevant behavioural problems at age 7, by number of risk factors



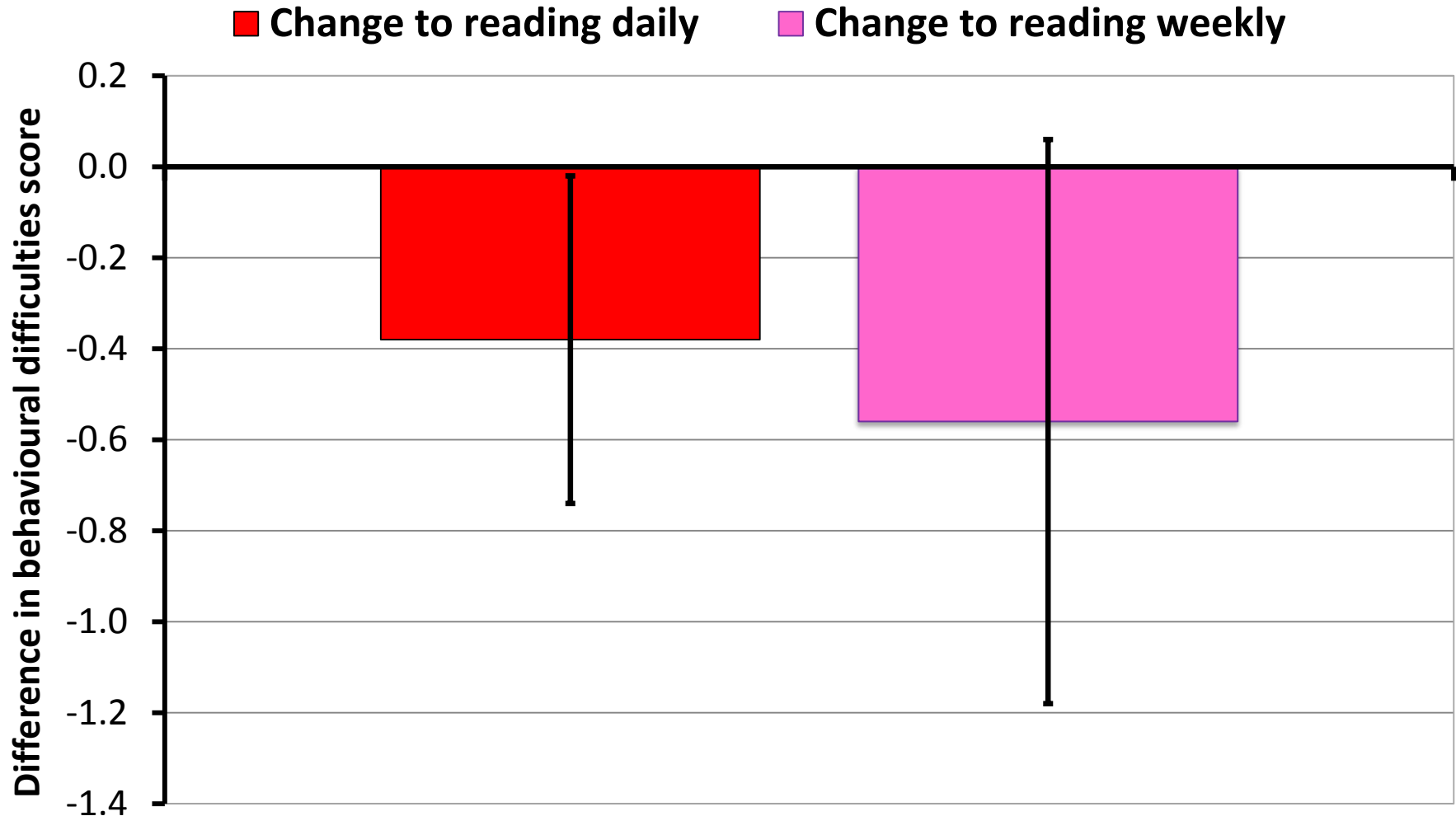
Number of hours sleep needed



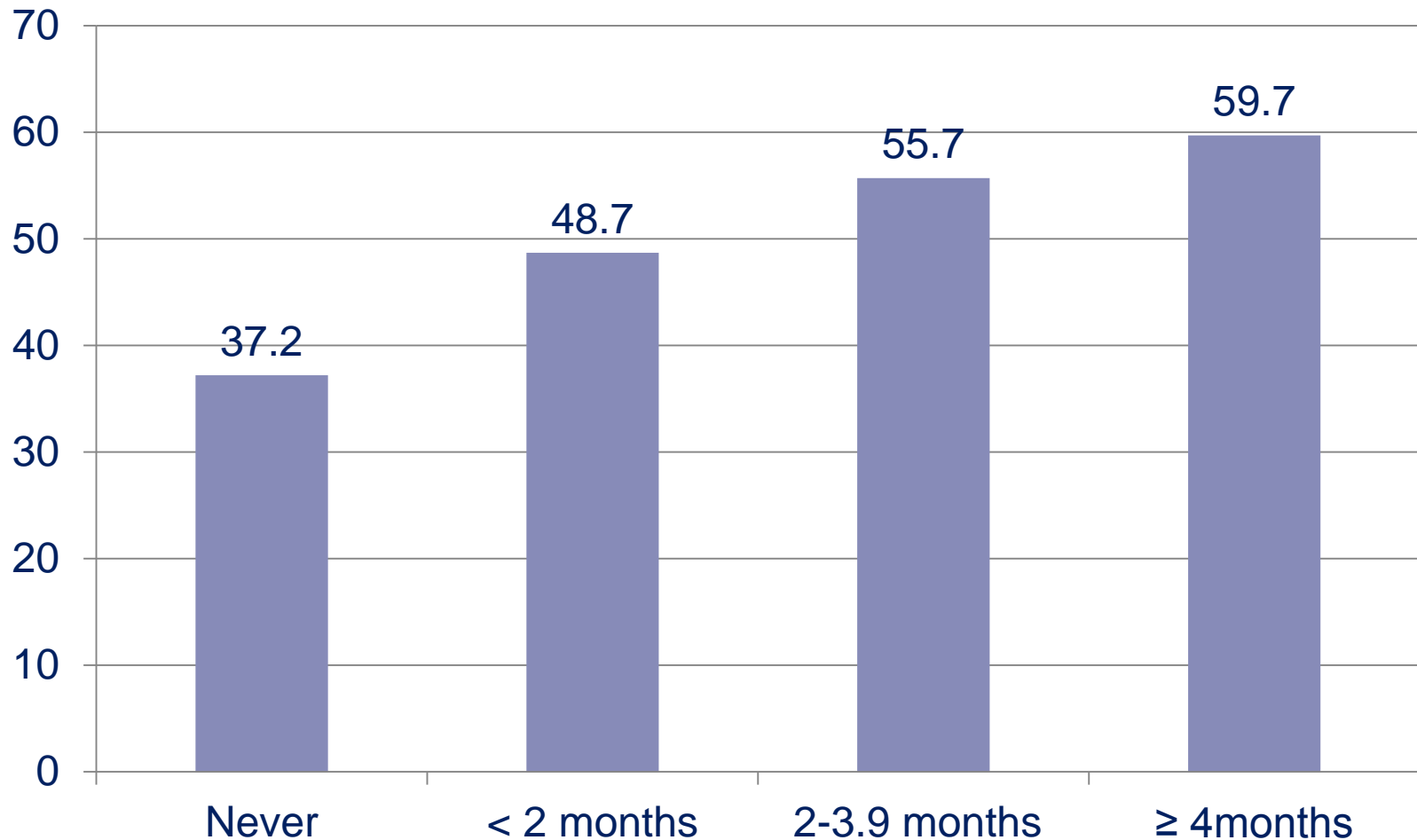
The effects of changes in the regularity of bedtimes on behavioural difficulties scores, difference in differences



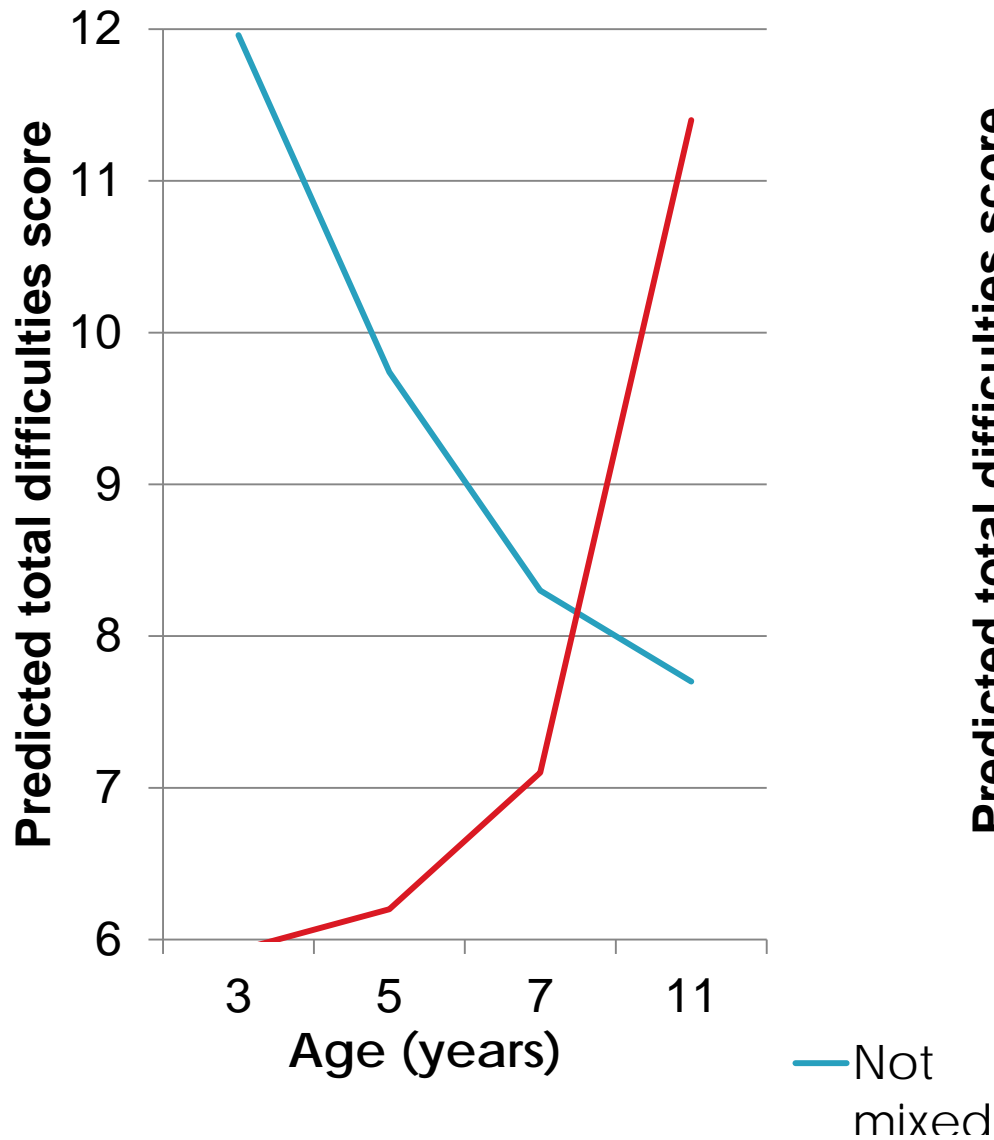
Change in frequency of parent/carer reading to children from age 3 to age 5



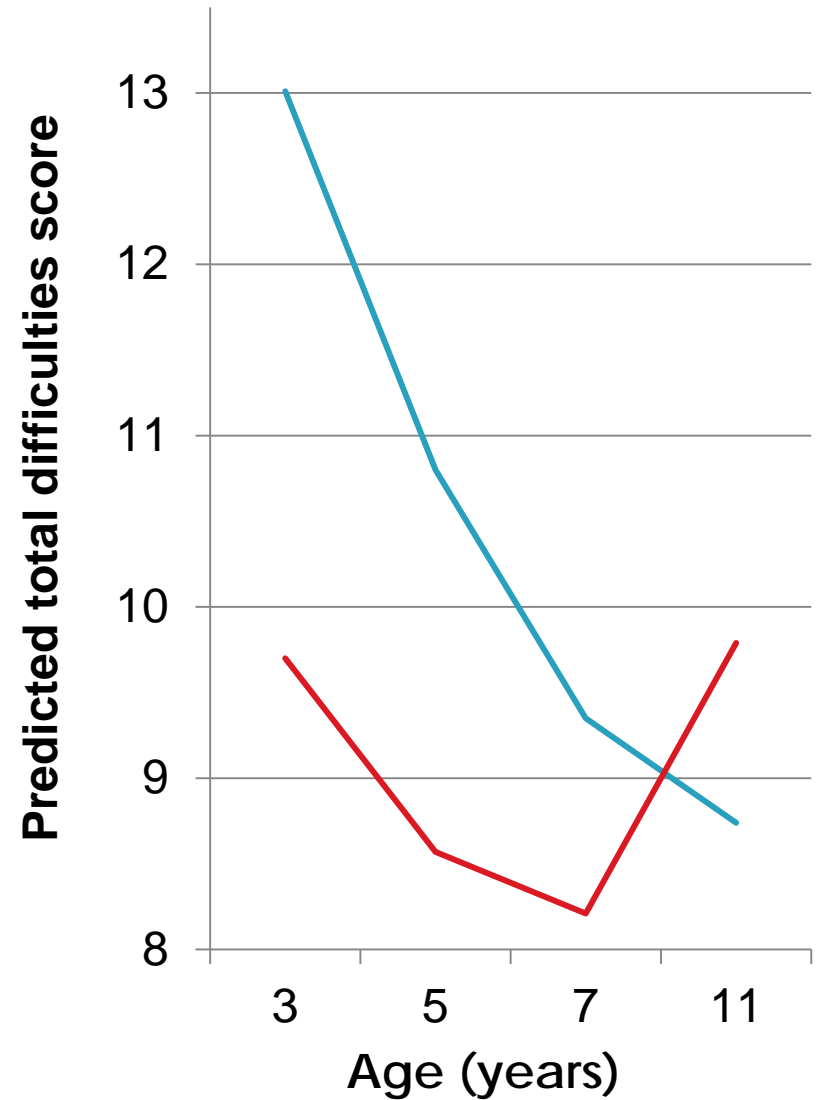
Foundation Stage Profile: Good level of overall achievement (%) by duration of breastfeeding



Bangladeshi children

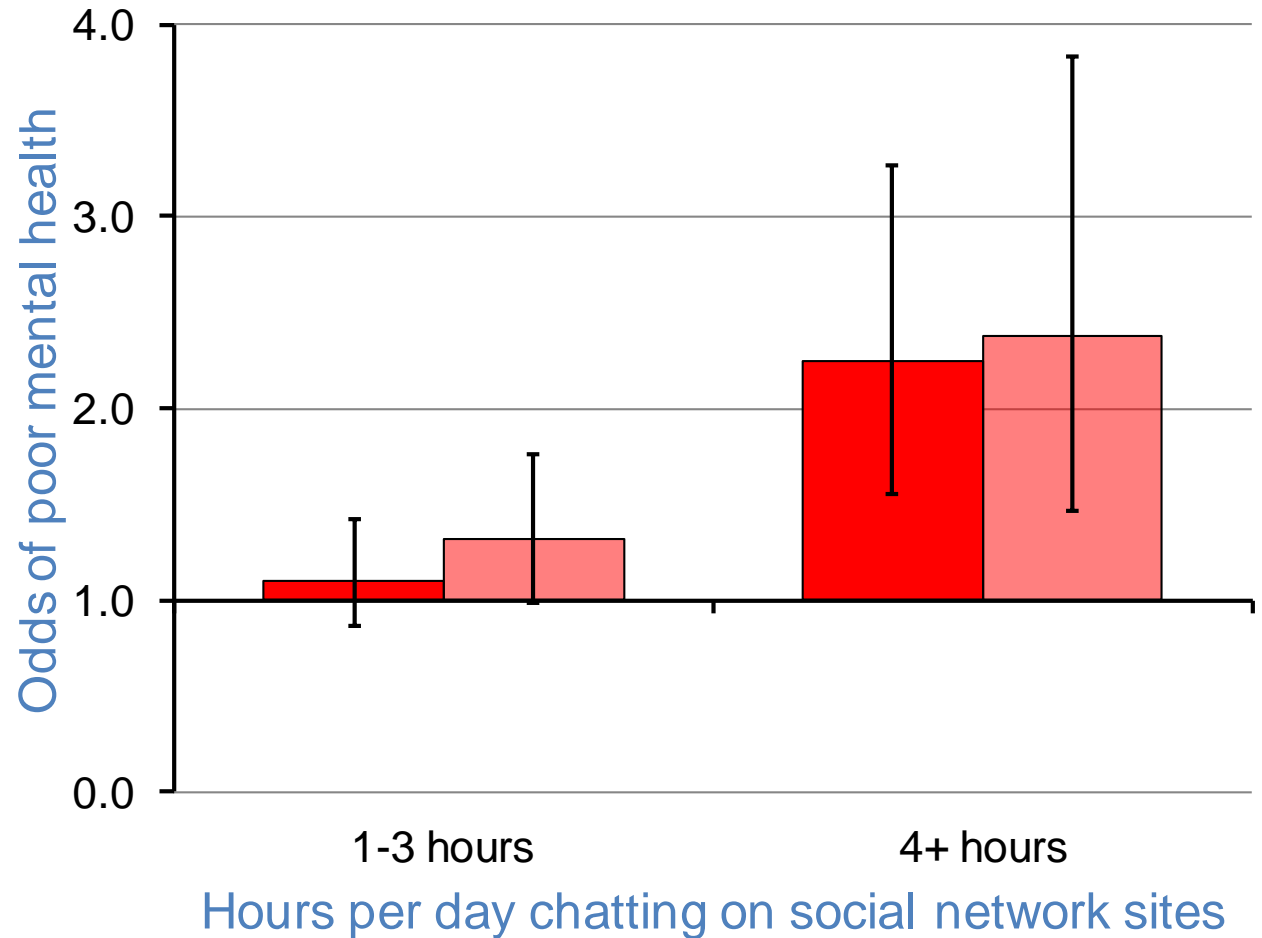


Pakistani children

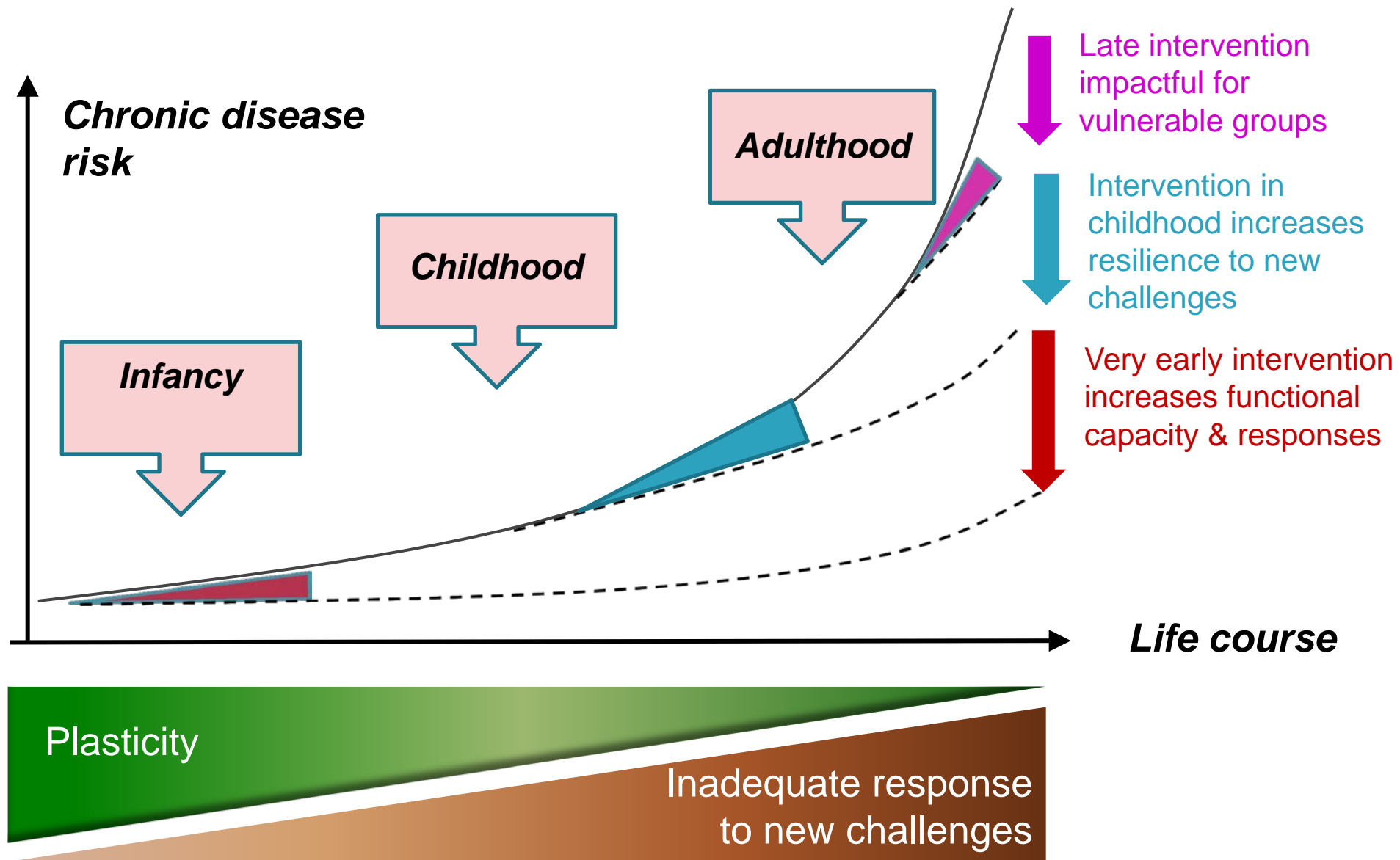


Association between social networking use and poor mental health in early adolescence

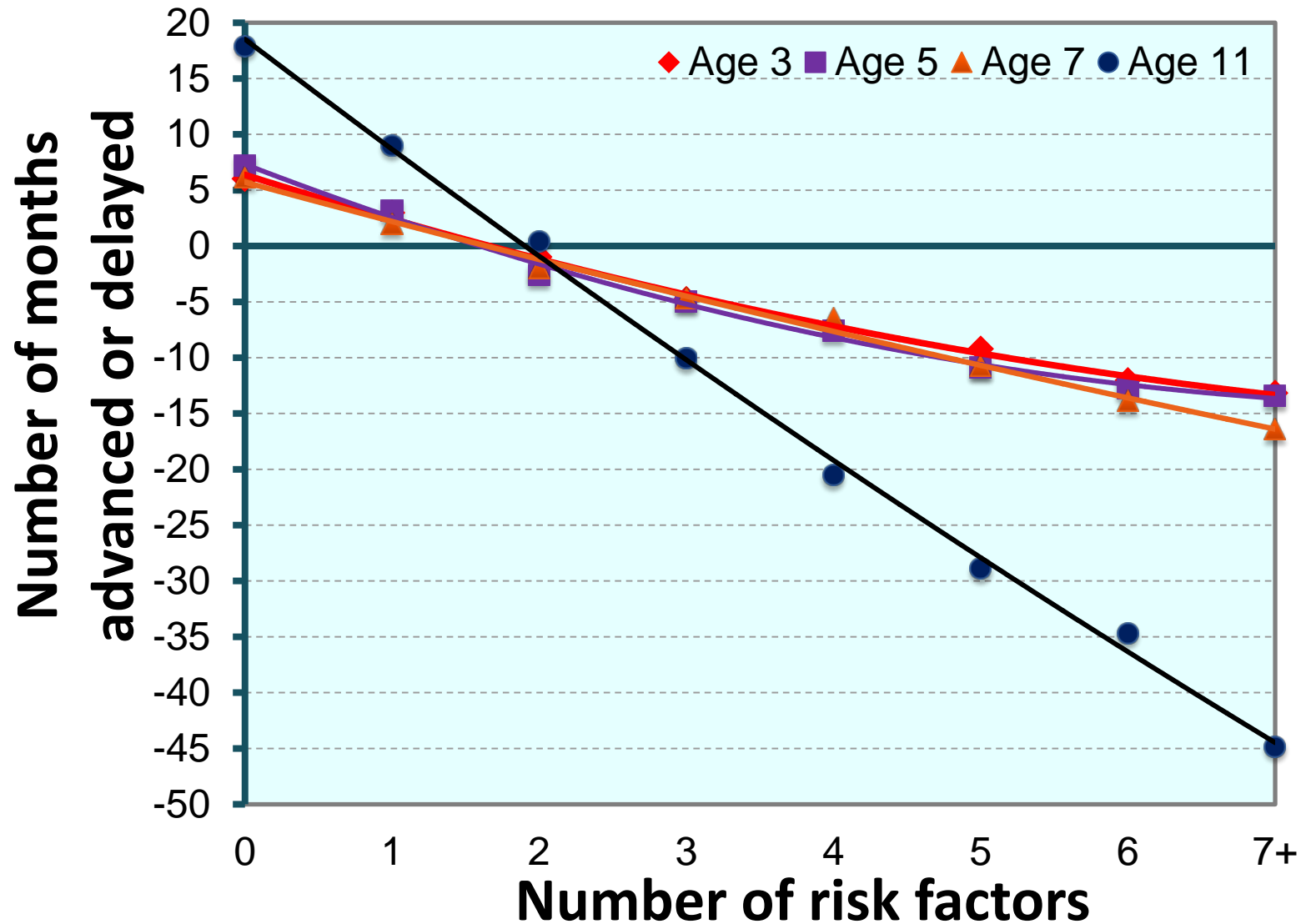
Hours spent on social network sites	Poor mental health (%)
<1	7.4
1-3	8.1
4+	15.2



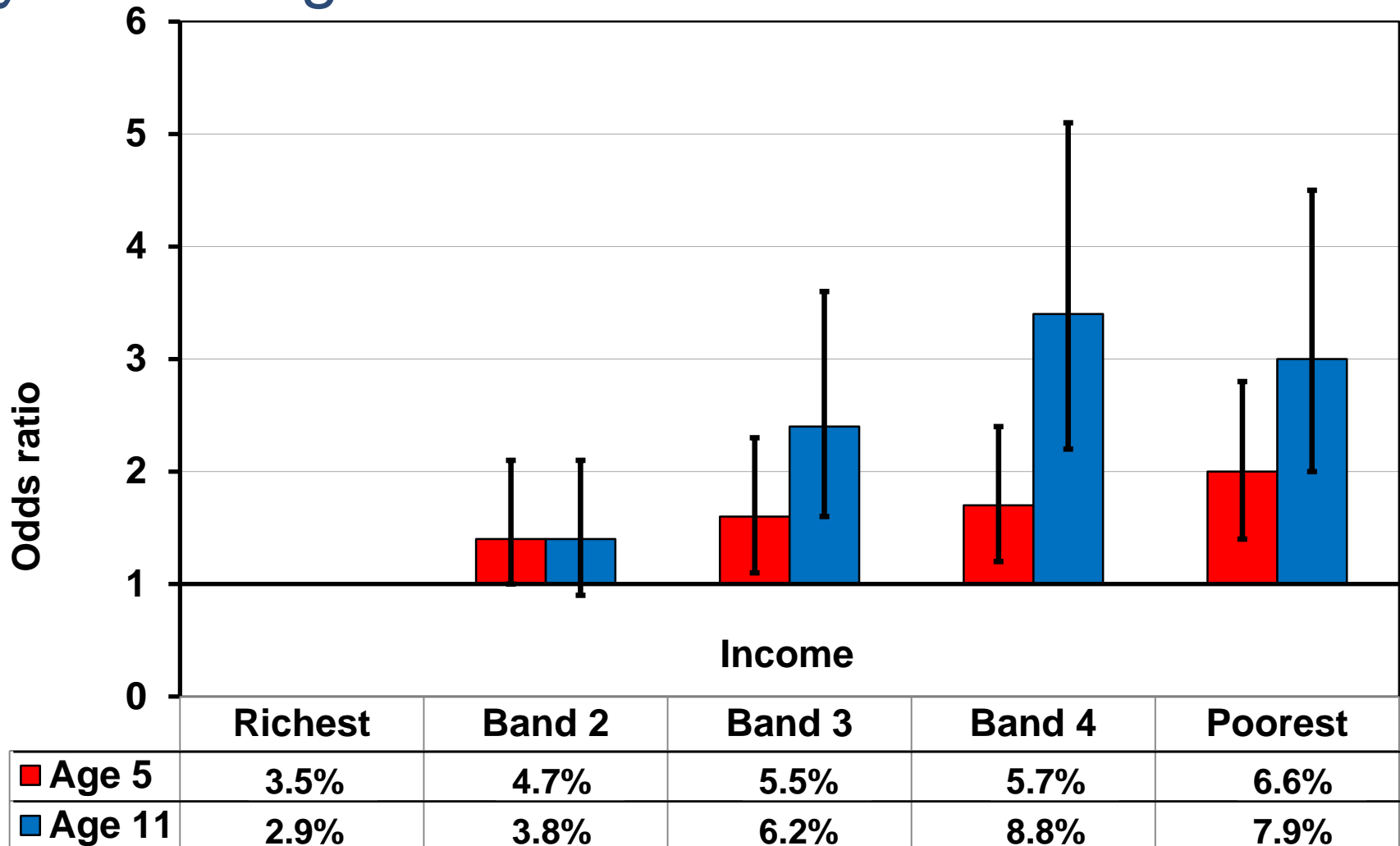
Lifecourse strategy for disease prevention



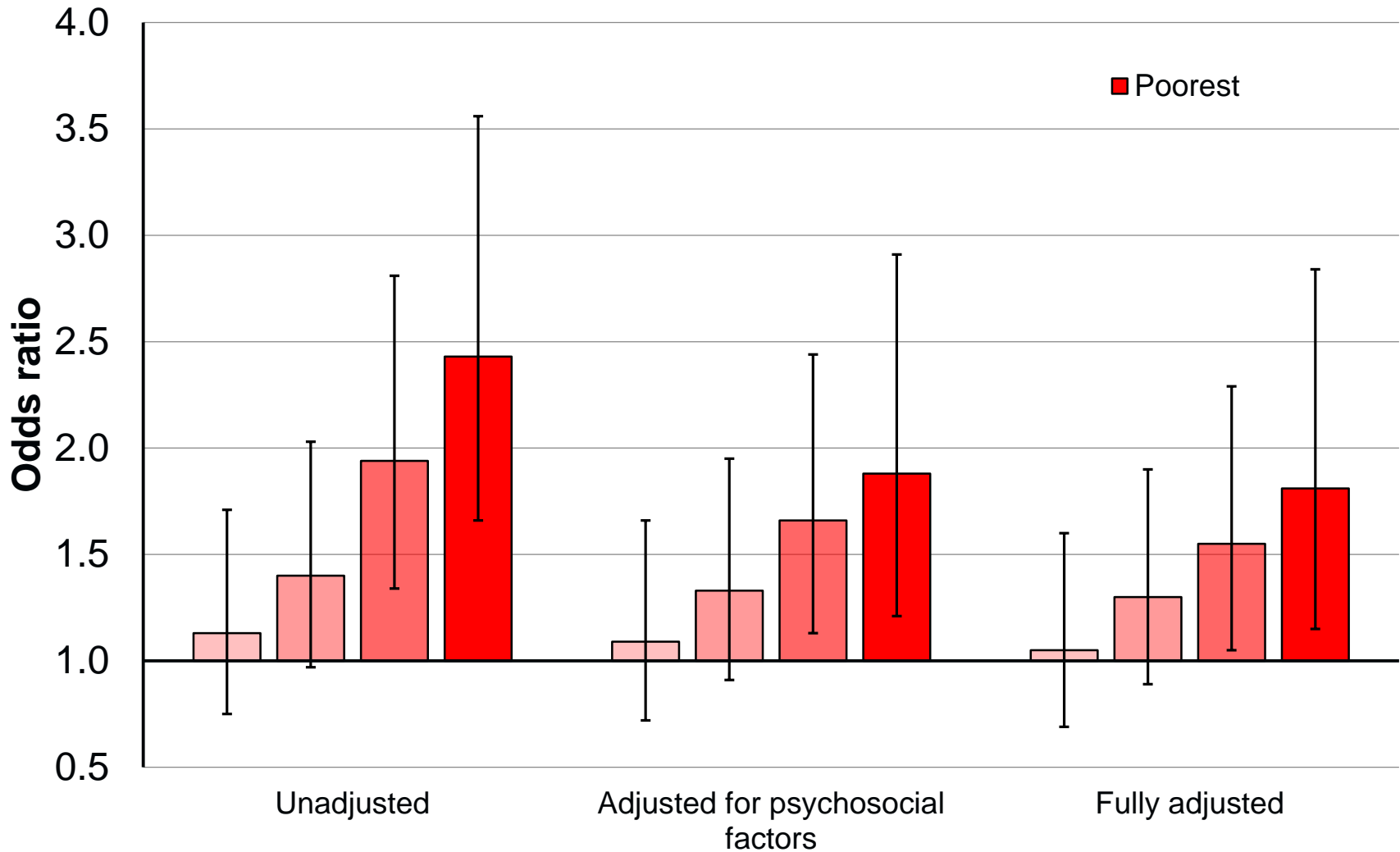
Verbal months ahead or behind at ages 3, 5, 7 & 11 by number of risk factors



Income gap in the risk of obesity at 5 & 11 years of age



Social inequalities, psychosocial stress and 'early' menstruation



Intervention programmes

- Sure Start, Nurse-Family Partnership, Strengthening Families Strengthening Communities, Head Start
- Content
- Delivery
- Evaluation



Bridging social and biological sciences

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