

Give every child a good start in life

Yvonne Kelly

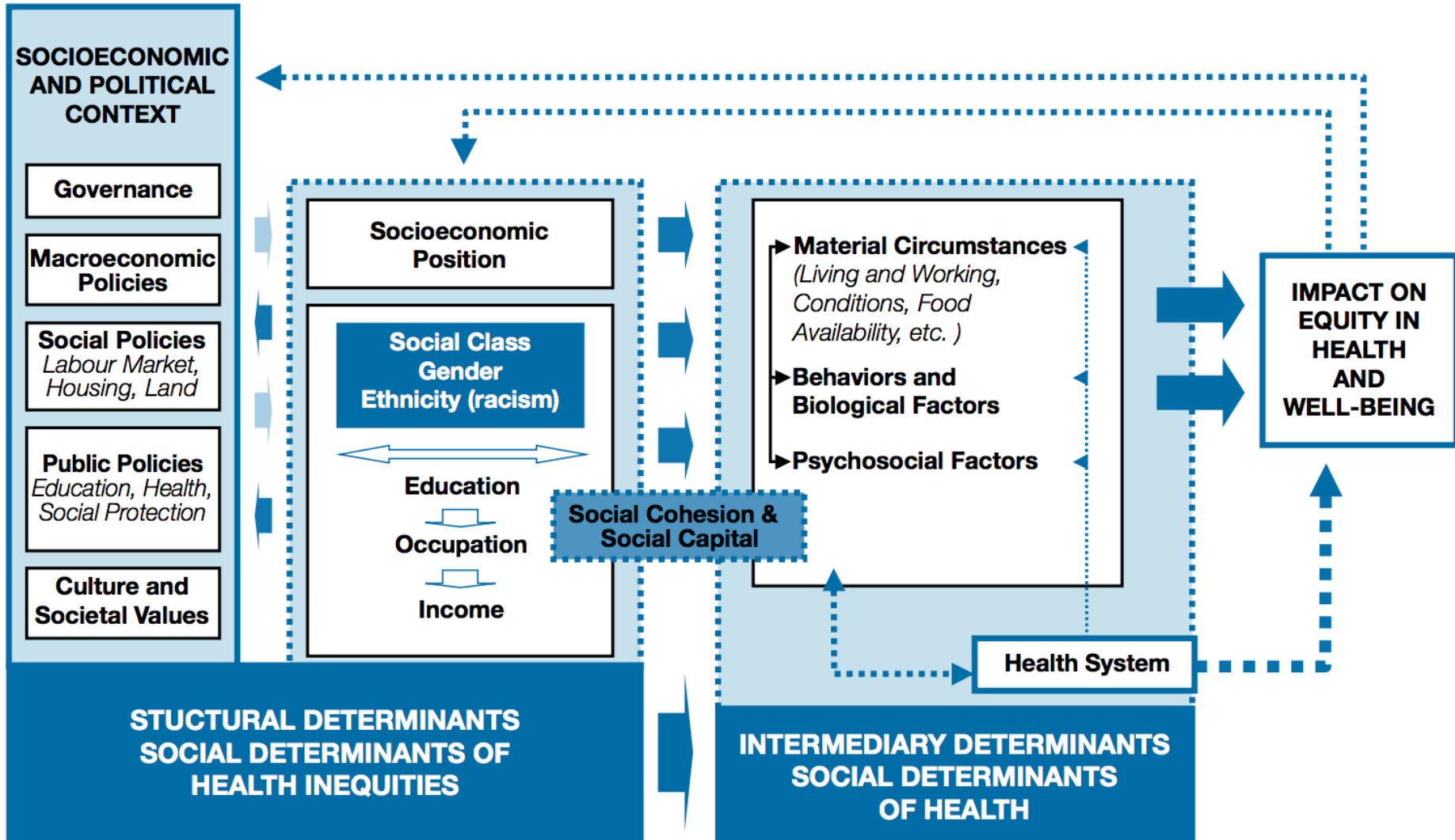
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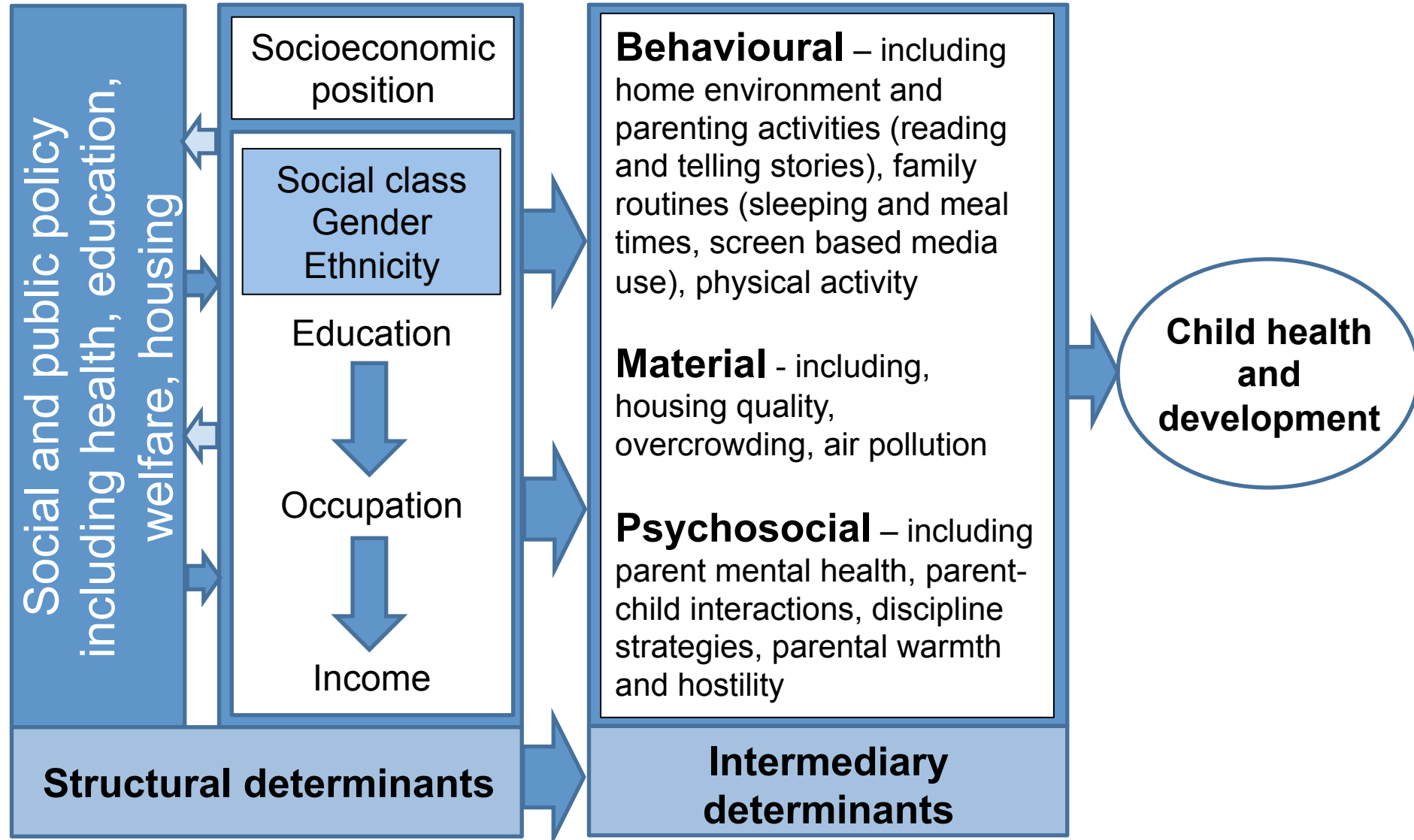
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CSDH conceptual framework for action on the social determinants of health

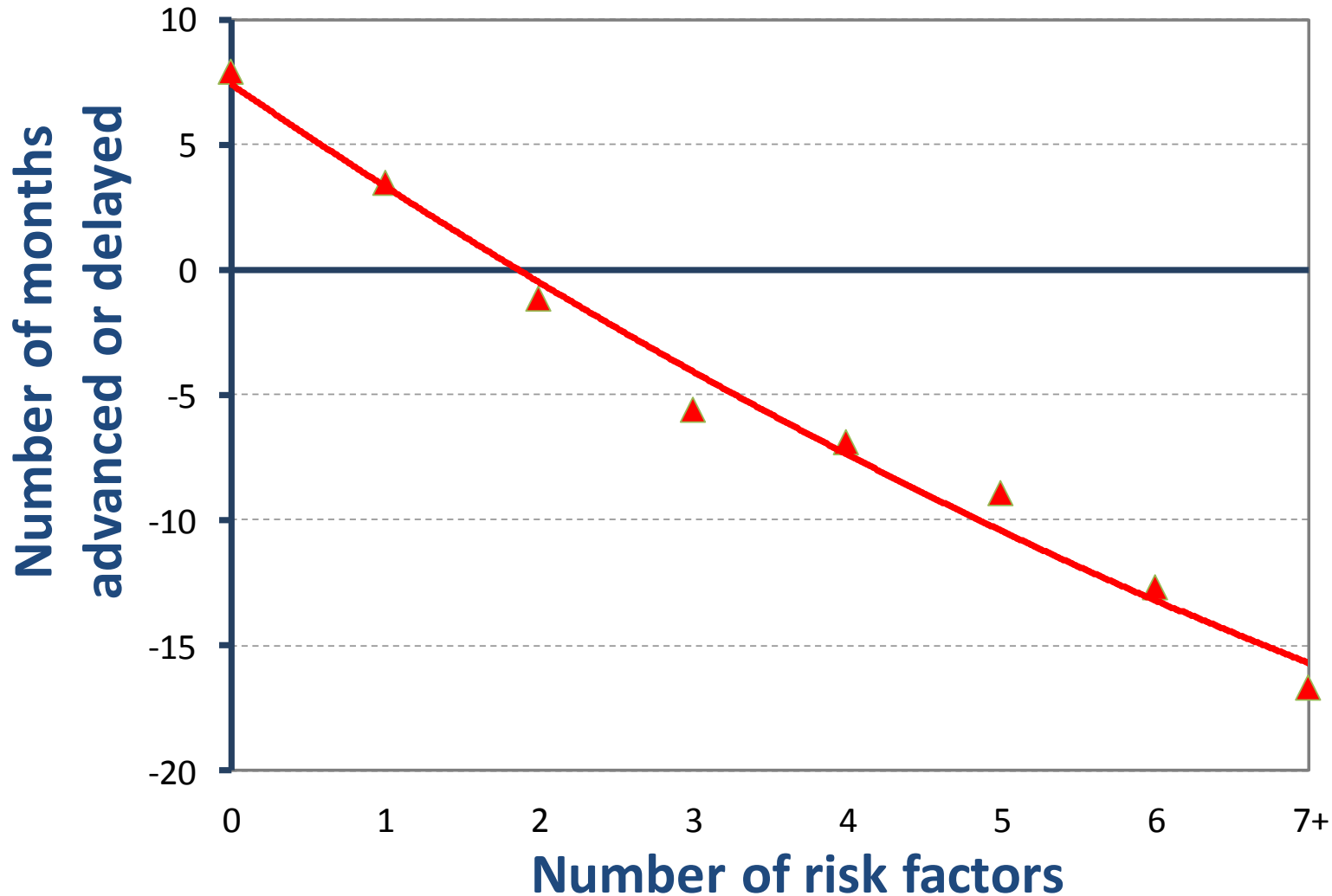


Solar O, Irwin A (2010): A Conceptual framework for action on the social determinants of health. Social Determinants of Health Discussion Paper 2 (Policy and Practice). Geneva: World Health Organization.

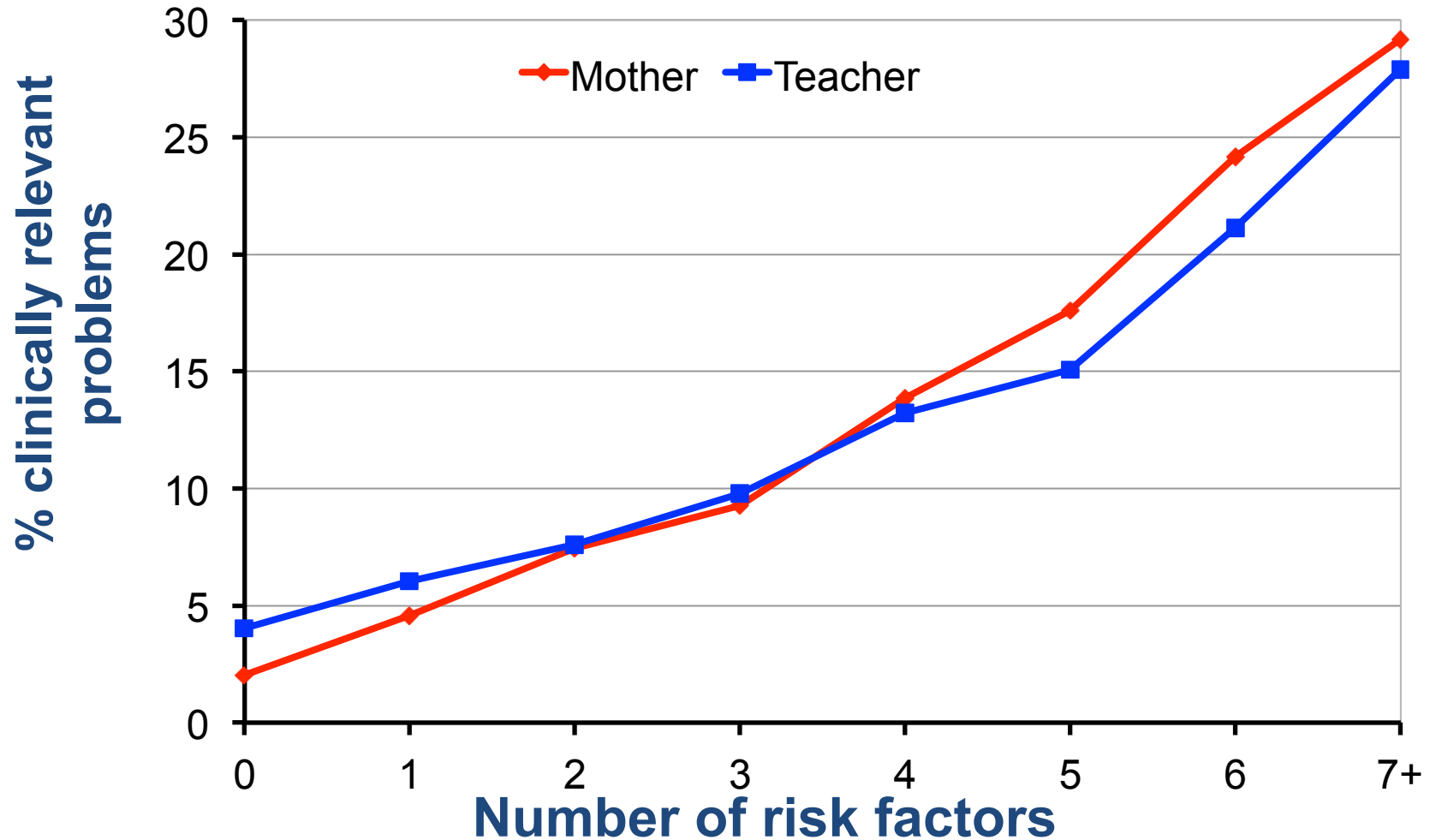
Social determinants for child health and development



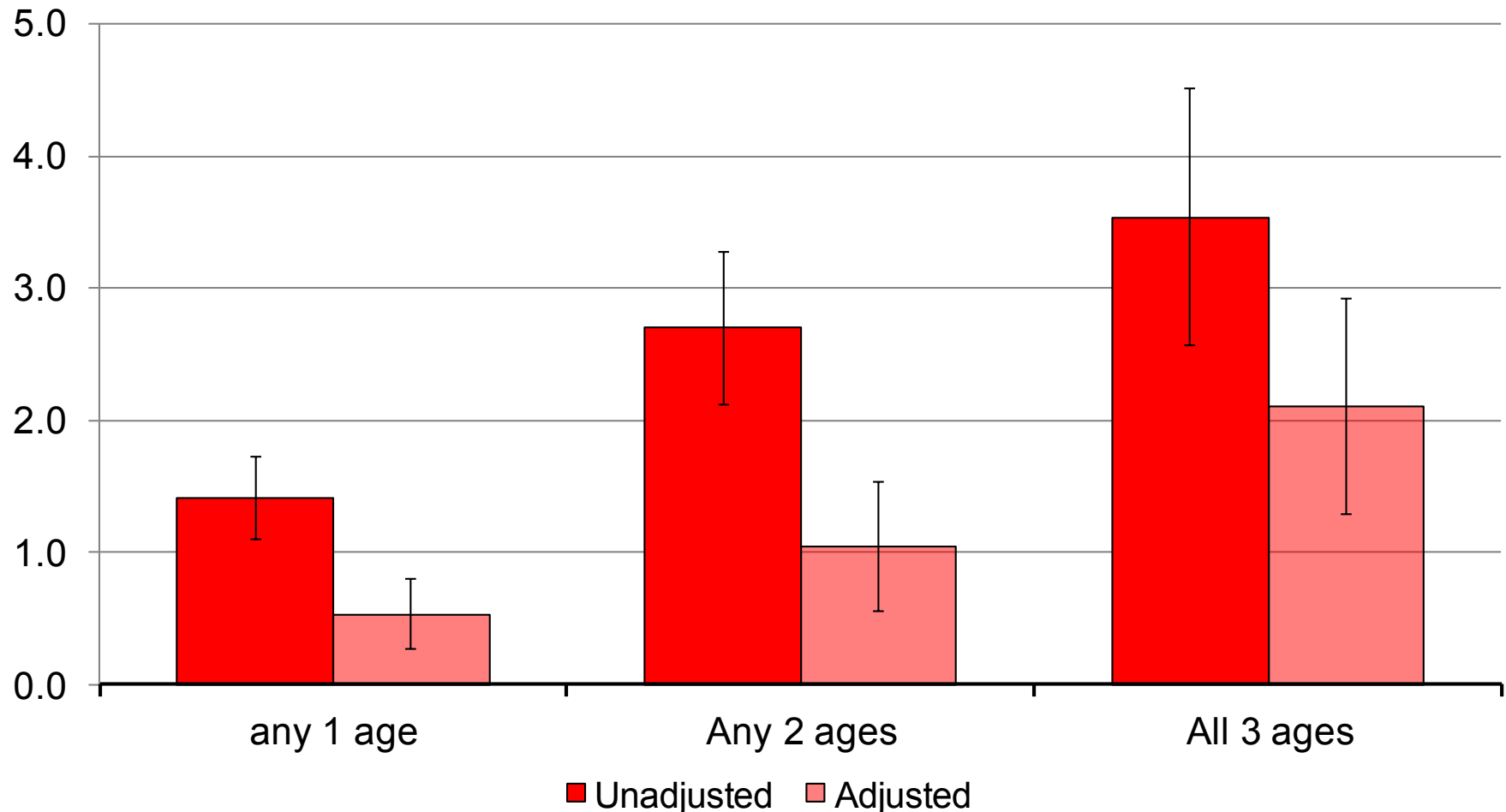
Verbal months ahead or behind at age 7 by number of risk factors



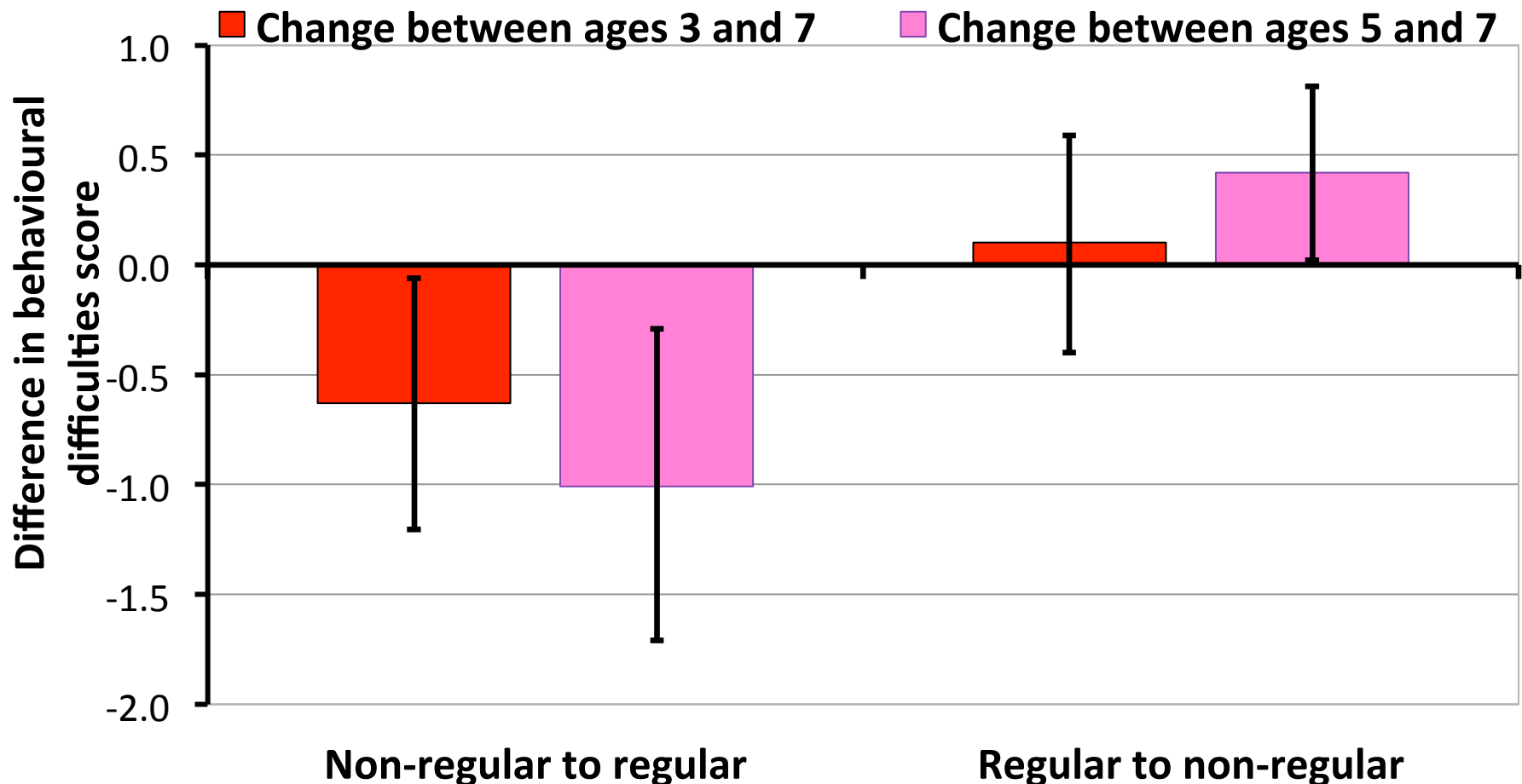
Clinically relevant behavioural problems at age 7, by number of risk factors



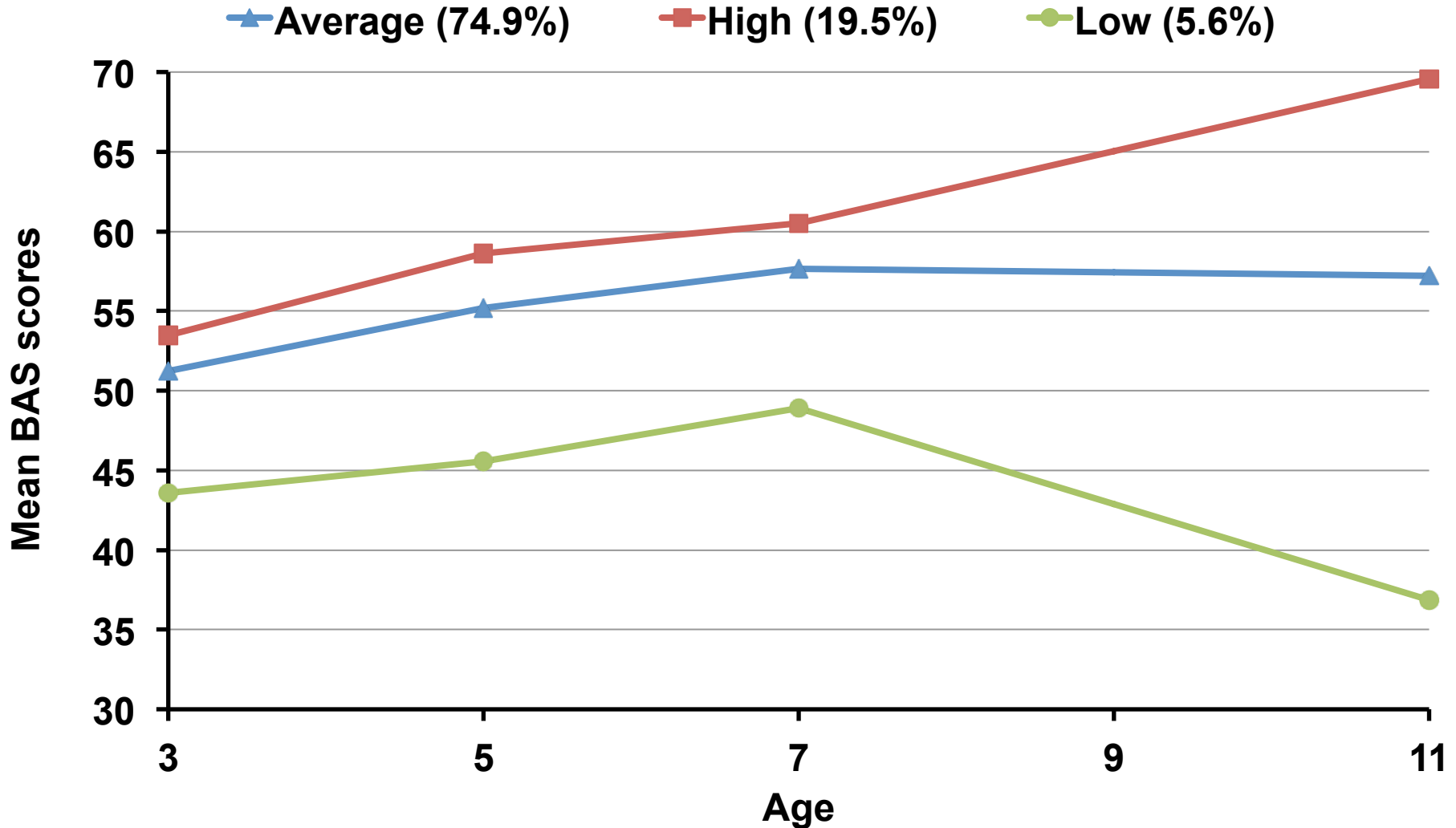
Regression coefficients for behavioural difficulties scores (mother report) by non-regular bedtimes throughout early childhood, cumulative effects



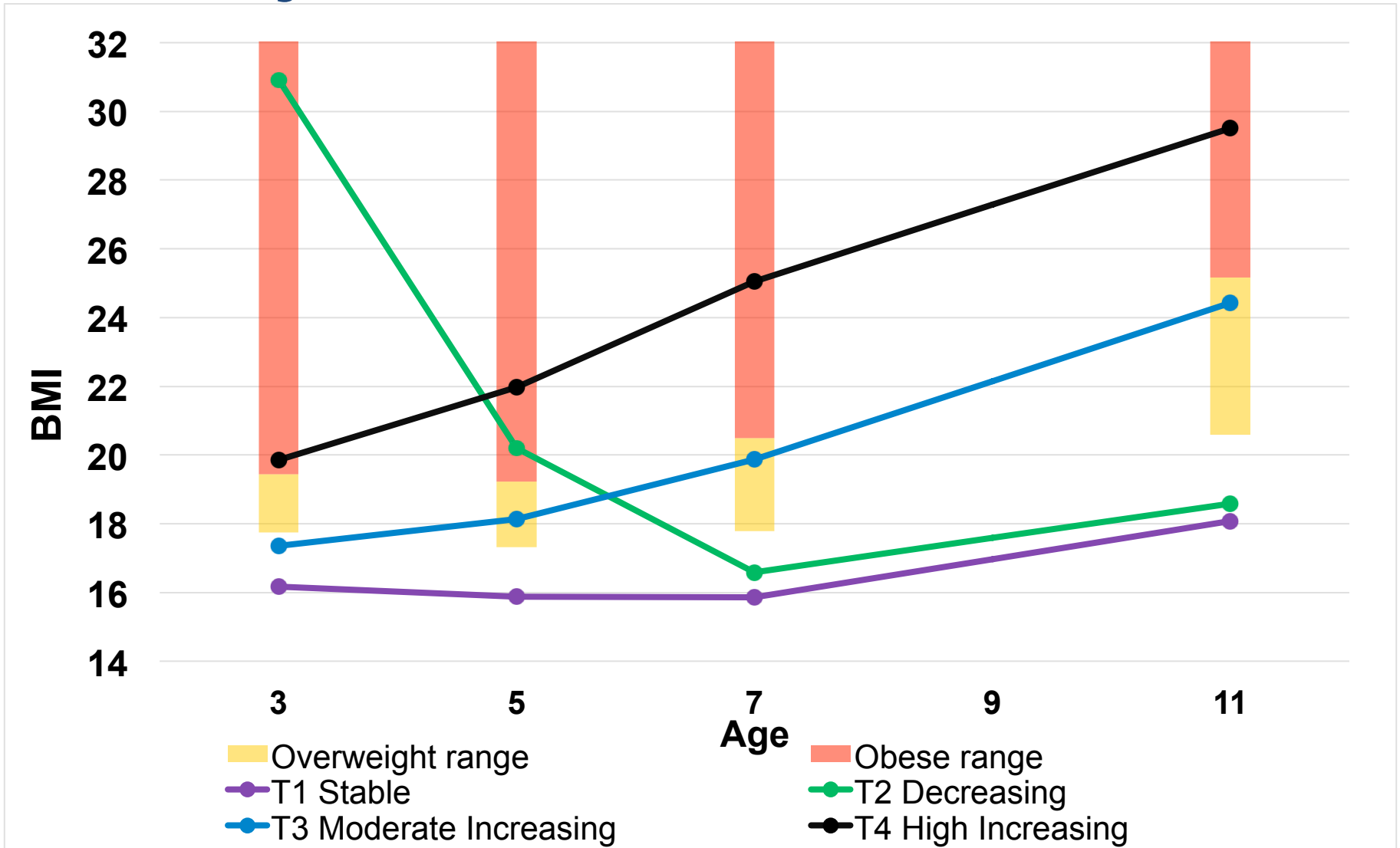
The effects of changes in the regularity of bedtimes on behavioural difficulties scores



Longitudinal Verbal Profiles

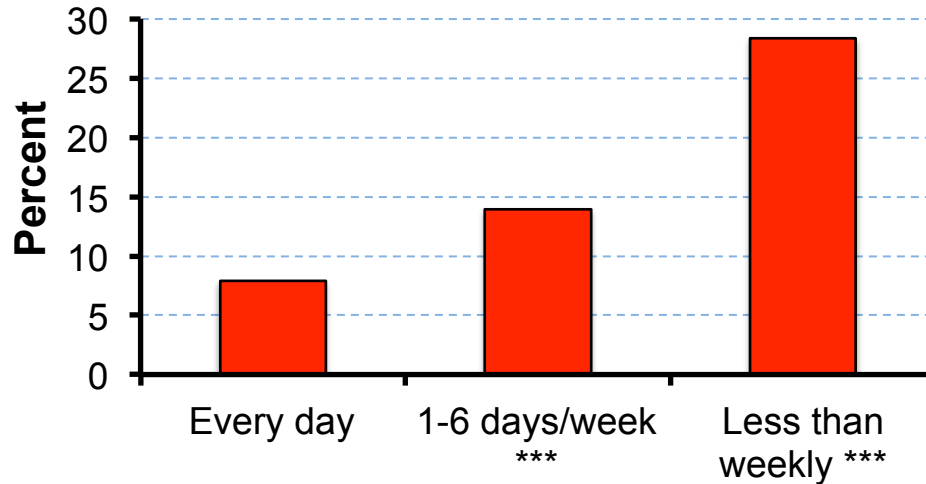


BMI trajectories in childhood

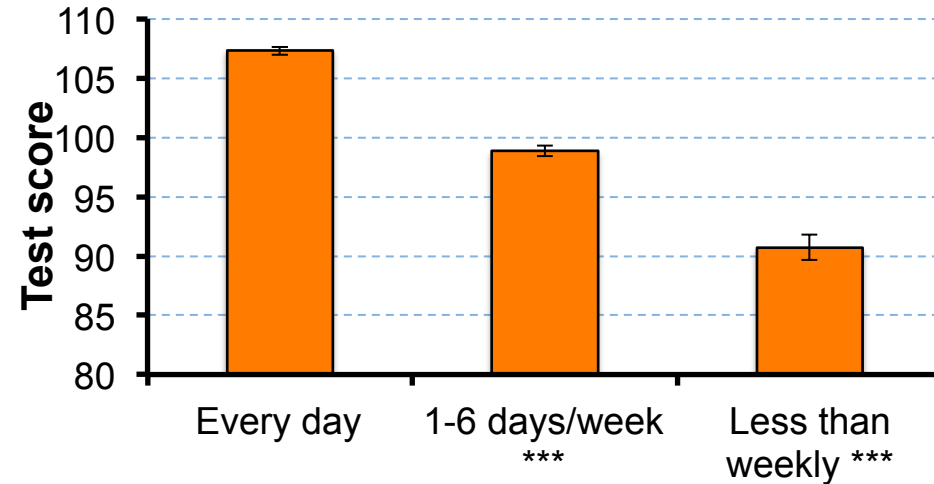


Being read to at age 3

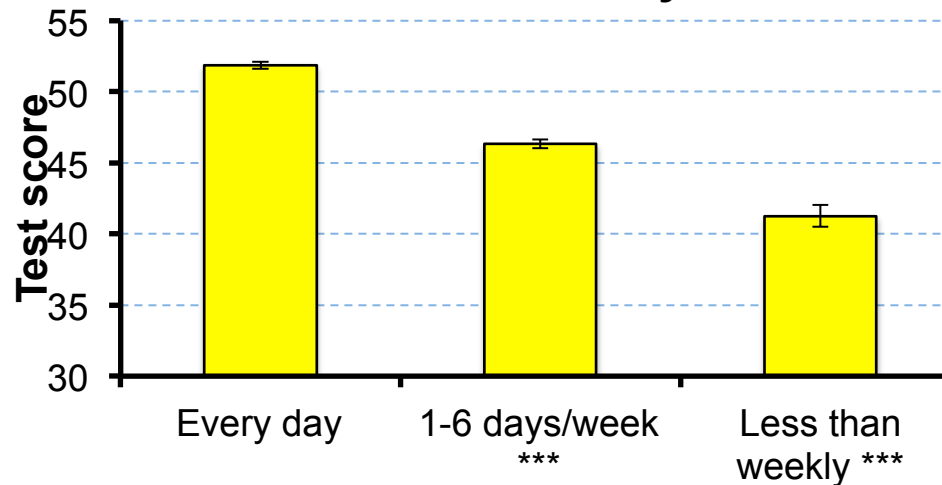
Socioemotional difficulties



School readiness

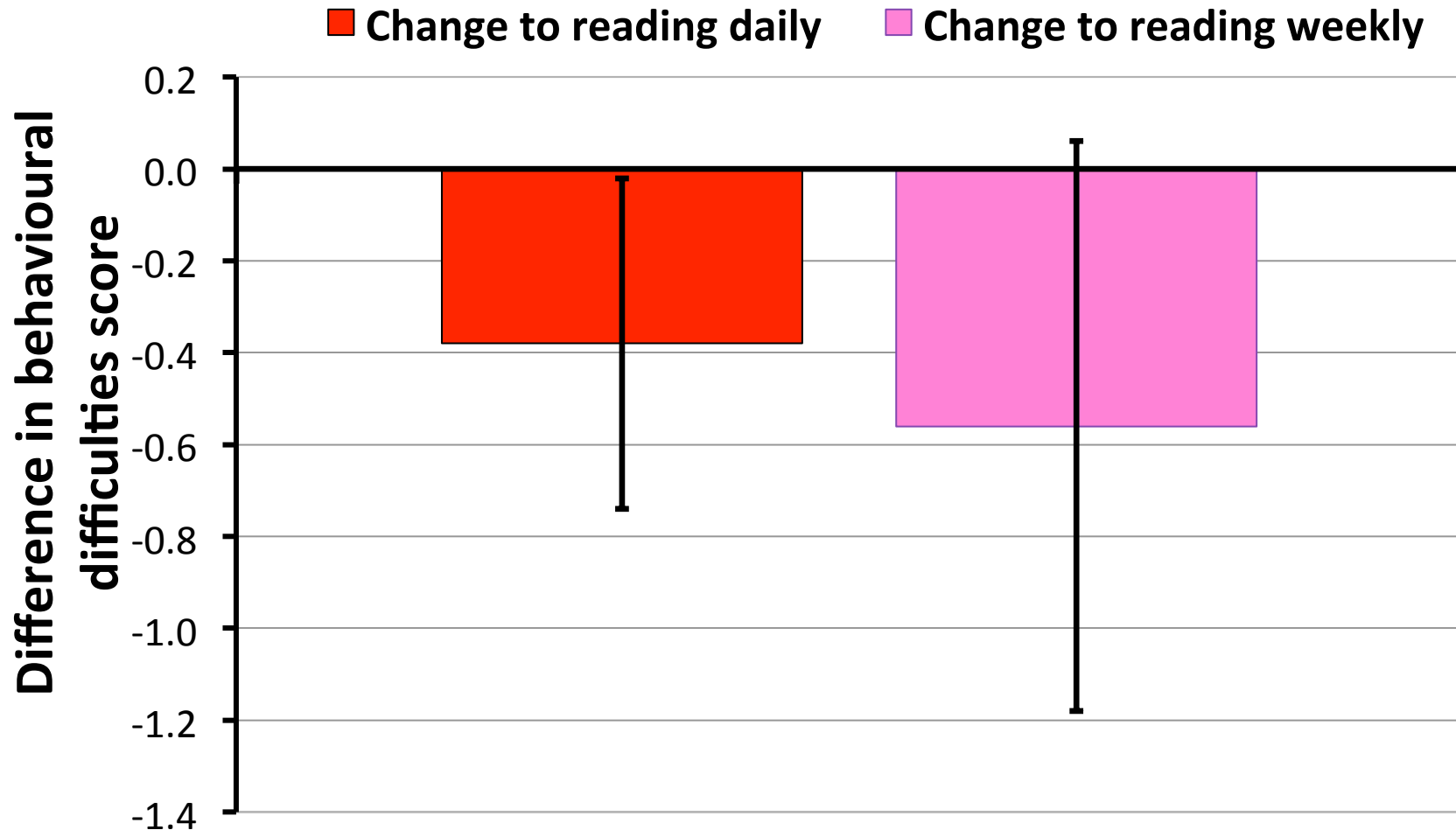


Verbal ability

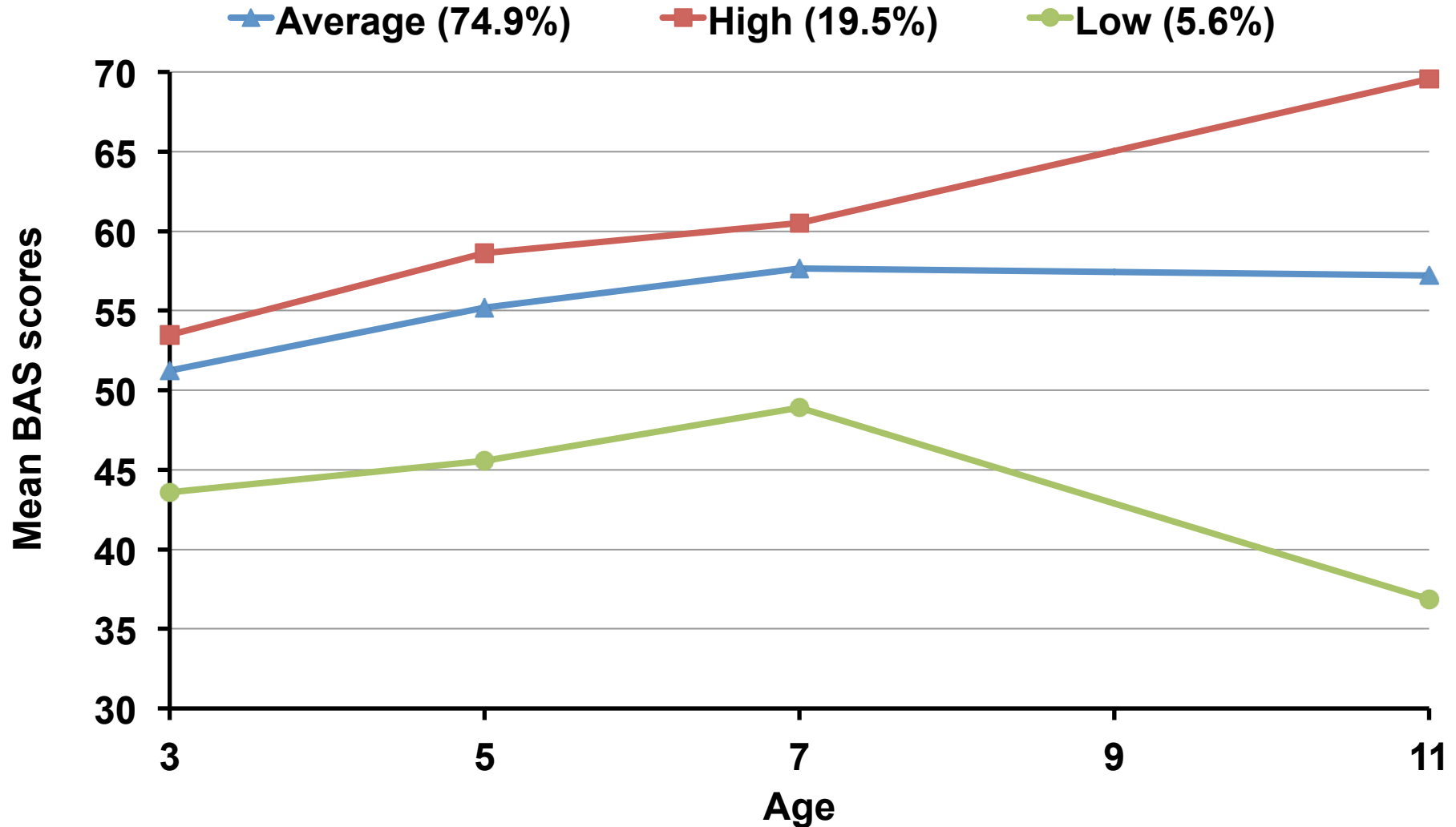


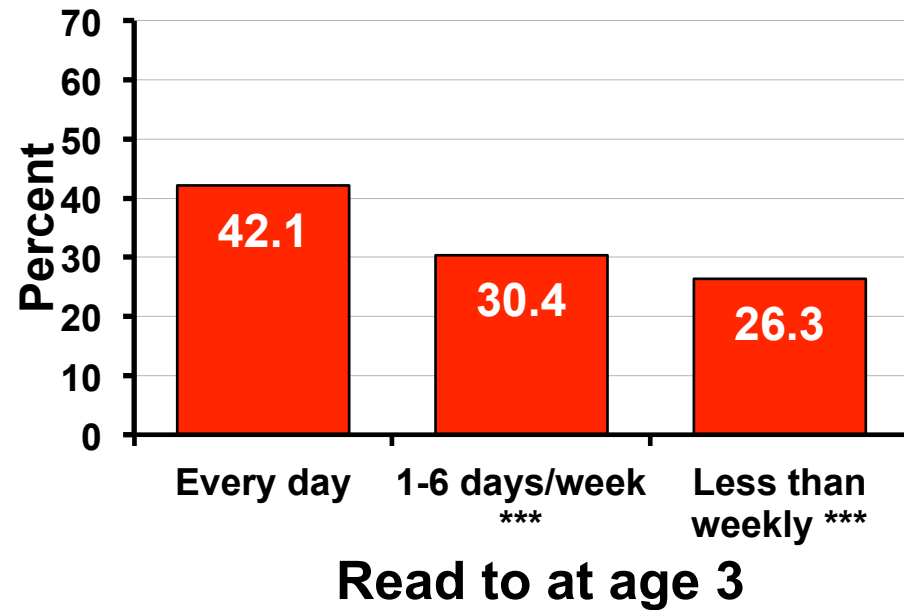
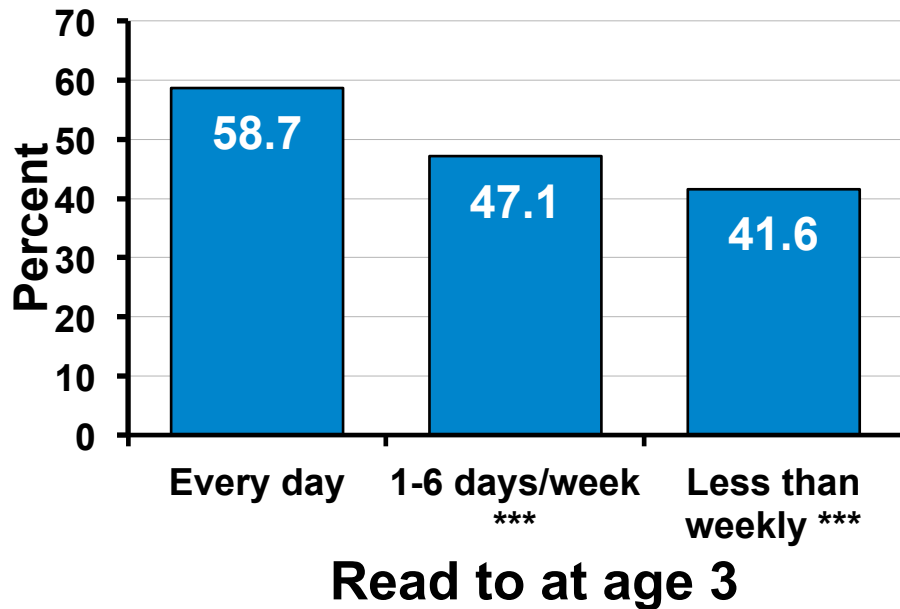
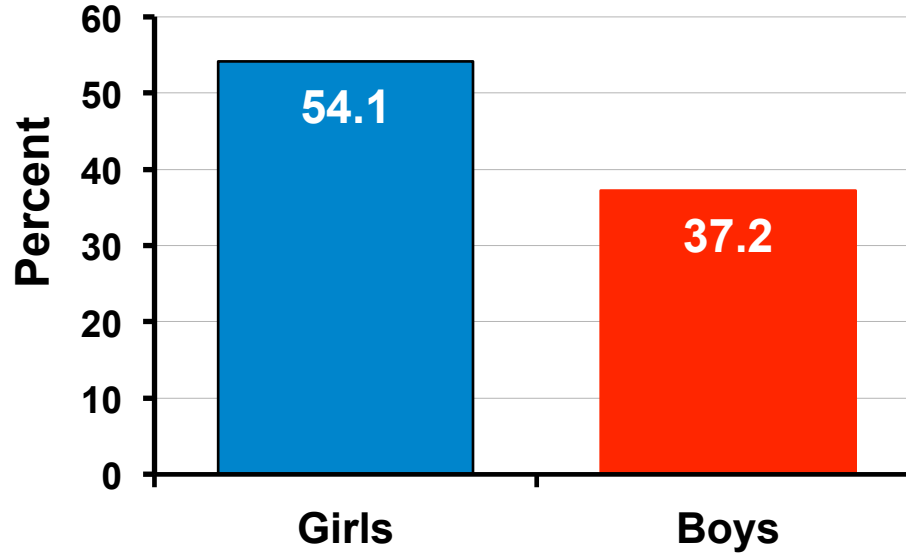
*** differences compared to those read stories to every day $p < 0.001$

Change in frequency of being read to, ages 3 to age 5

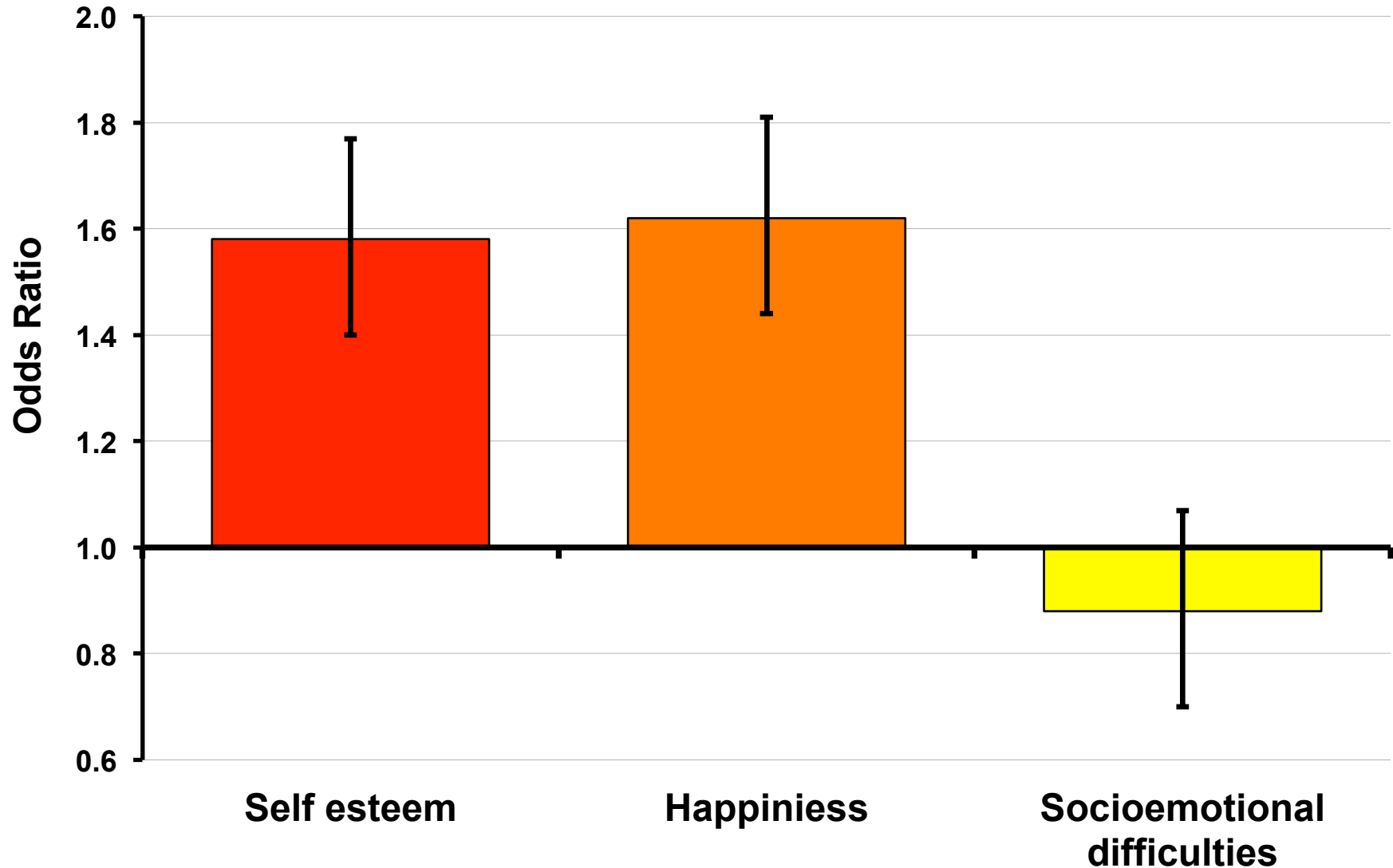


Longitudinal Verbal Profiles

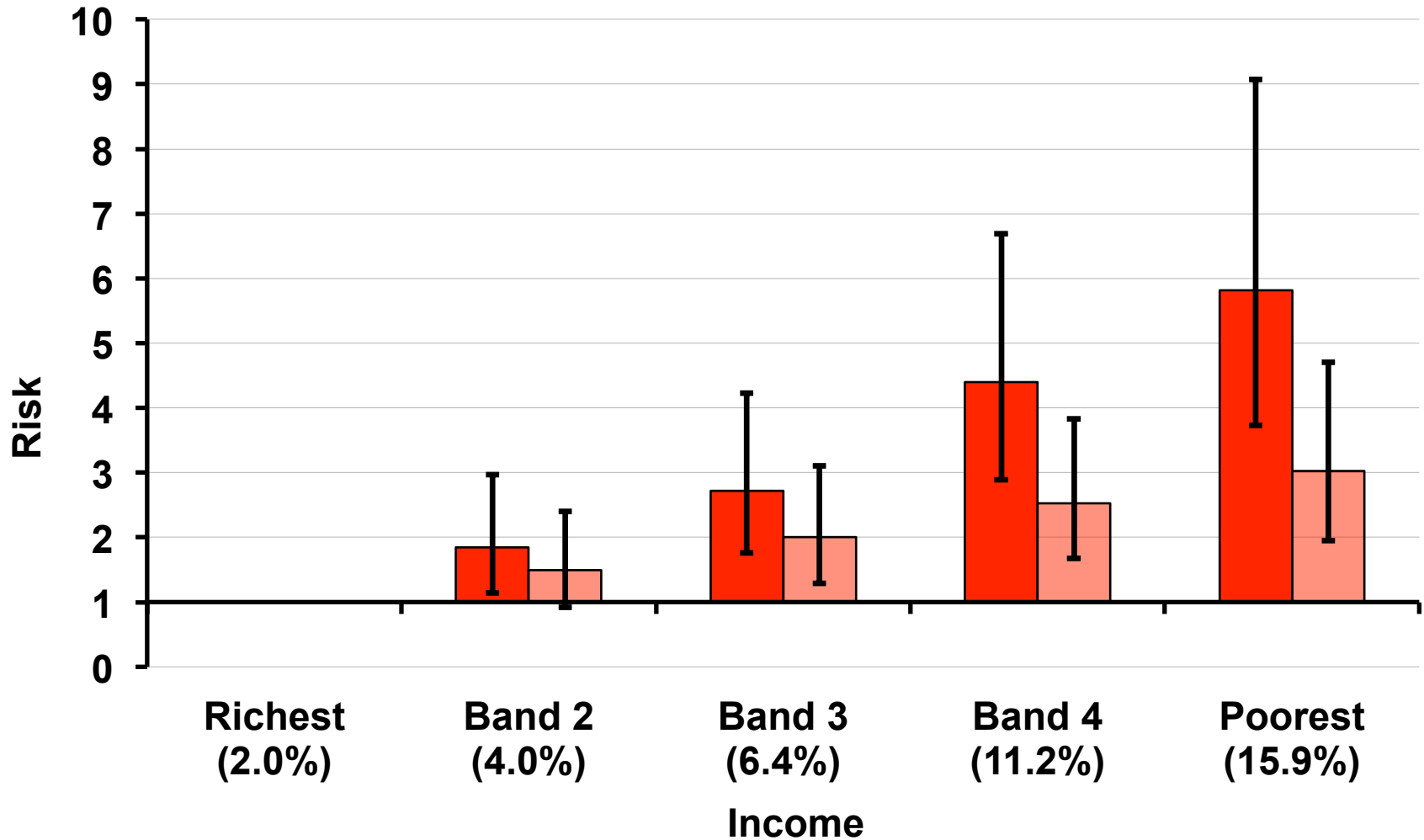




Well being at age 11 by reading for pleasure



Income gap in the risk of socioemotional difficulties at 5 years of age



Summary

- Early child health and development matters – now and for the future
- Stark socioeconomic inequalities are evident and these start early
- Structural factors shape ‘intermediary’ environments: behavioural, material, psychosocial
- To give every child a good start in life - action is needed on intermediate and structural influences



Bridging social and biological sciences

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