Give every child a good start in life

Yvonne Kelly
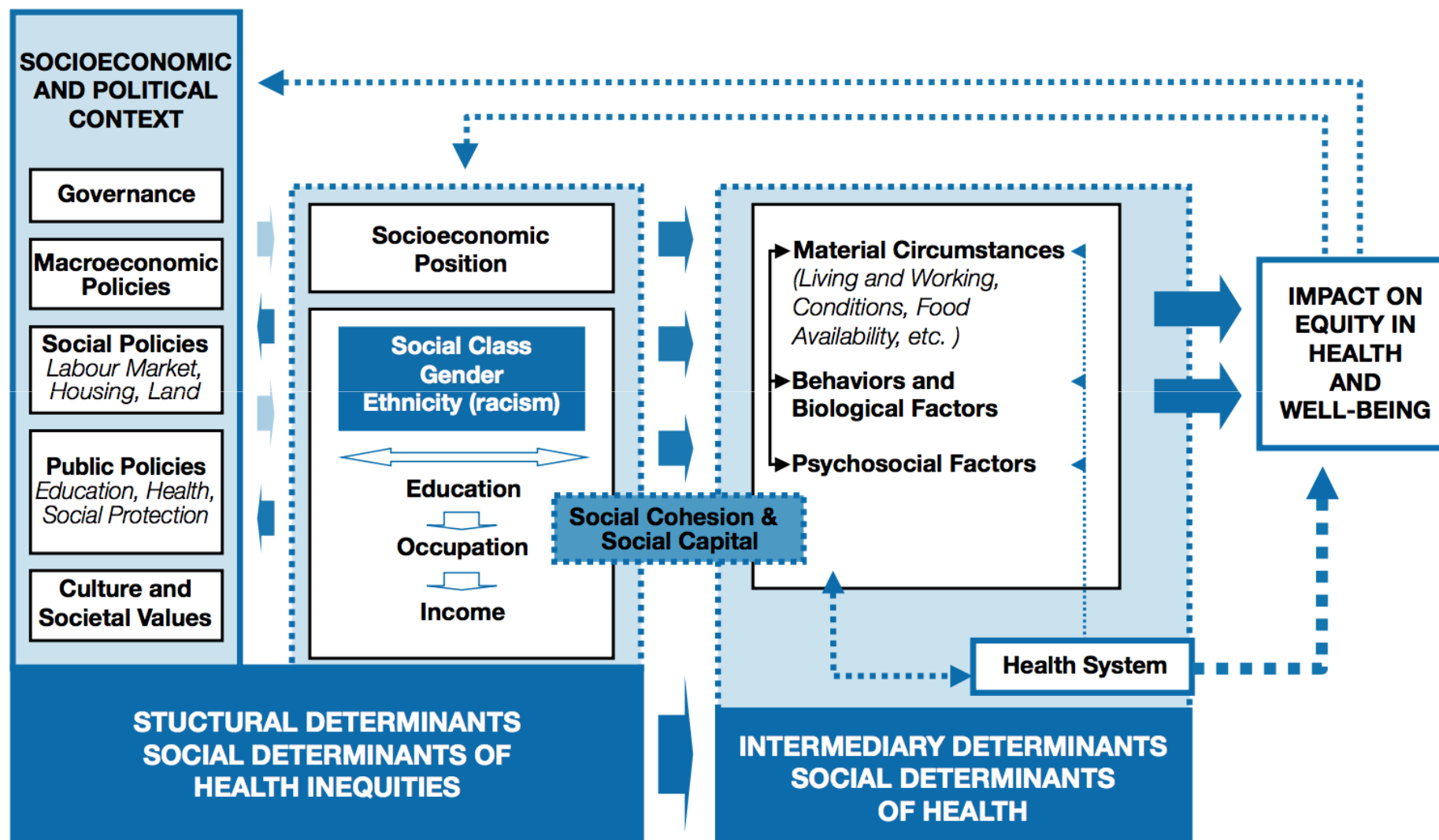International Centre for Lifecourse Studies in
Society and Health (ICLS)
www.ucl.ac.uk/icls
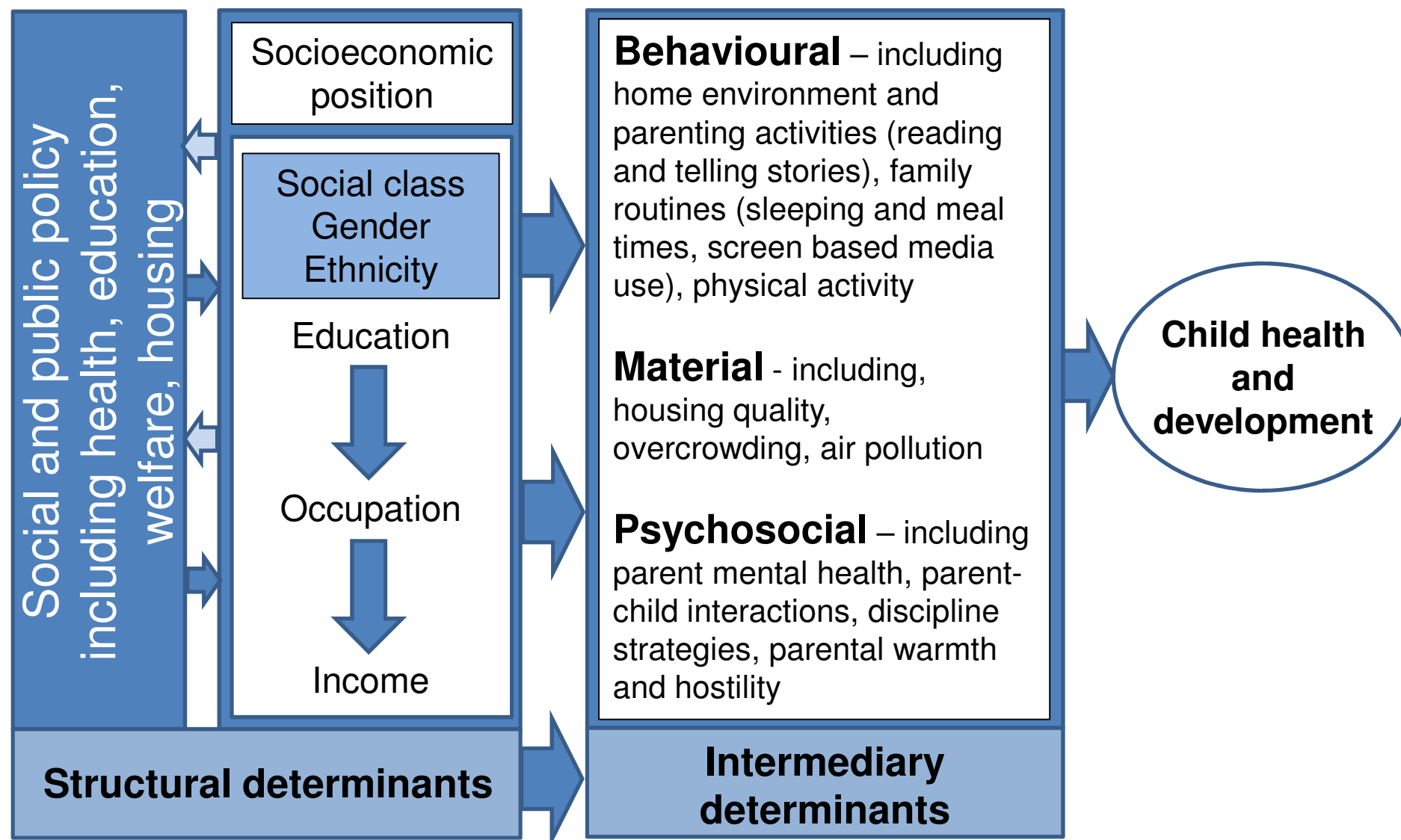@icls_info
@childofourtime

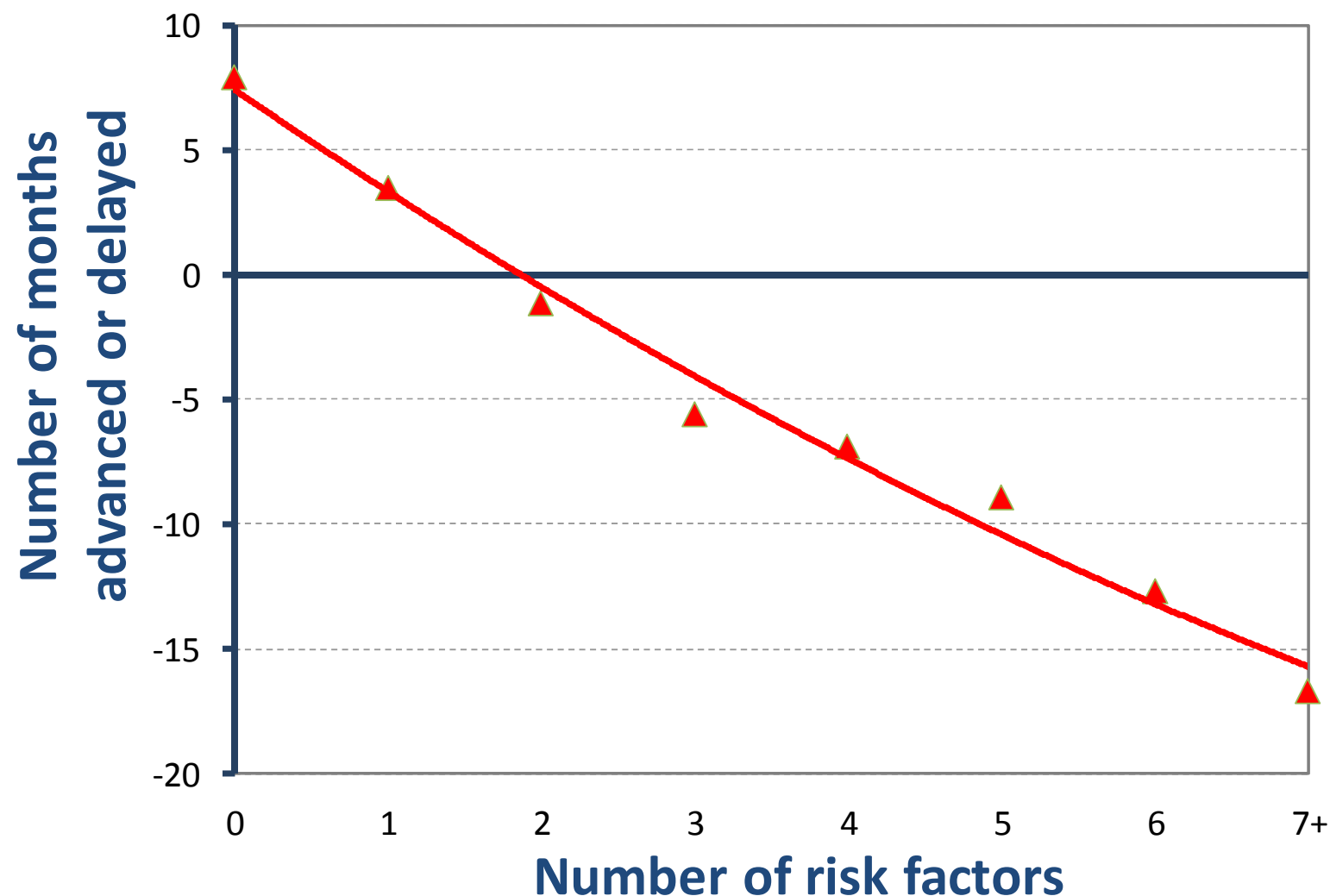# CSDH conceptual framework for action on the social determinants of health

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

Social and public policy including health, education, welfare, housing

Socioeconomic position

Social class
Gender
Ethnicity

Education

Occupation

Income

Behavioural – including home environment and parenting activities (reading and telling stories), family routines (sleeping and meal times, screen based media use), physical activity

Material - including, housing quality, overcrowding, air pollution

Psychosocial – including parent mental health, parent-child interactions, discipline strategies, parental warmth and hostility

Child health and development

Structural determinants

Intermediary determinants

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

Kelly *et al*, forthcoming

Clinically relevant behavioural problems at age 7, by number of risk factors
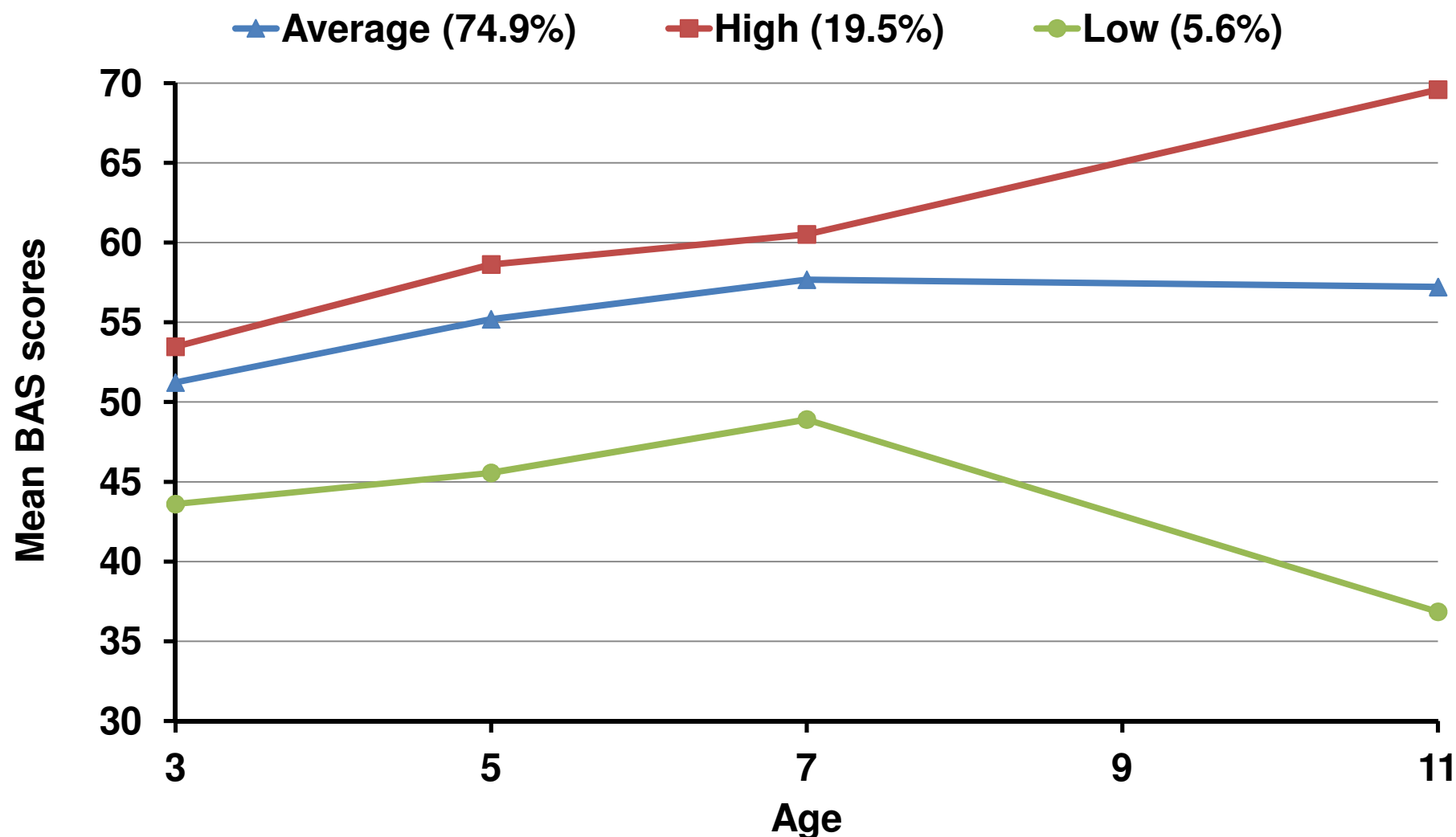
Kelly *et al*, forthcoming
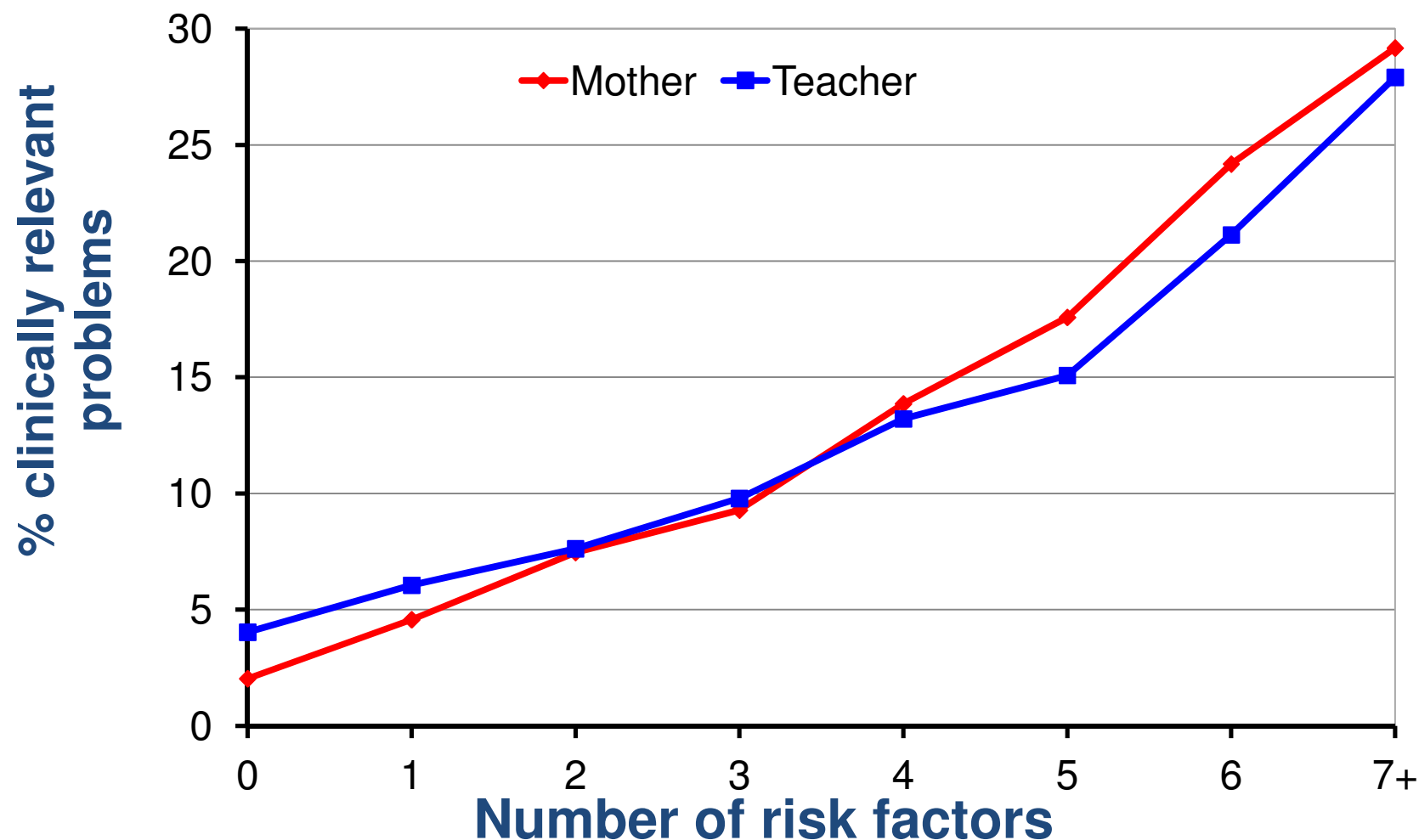
Regression coefficients for behavioural difficulties scores (mother report) by non-regular bedtimes throughout early childhood, cumulative effects

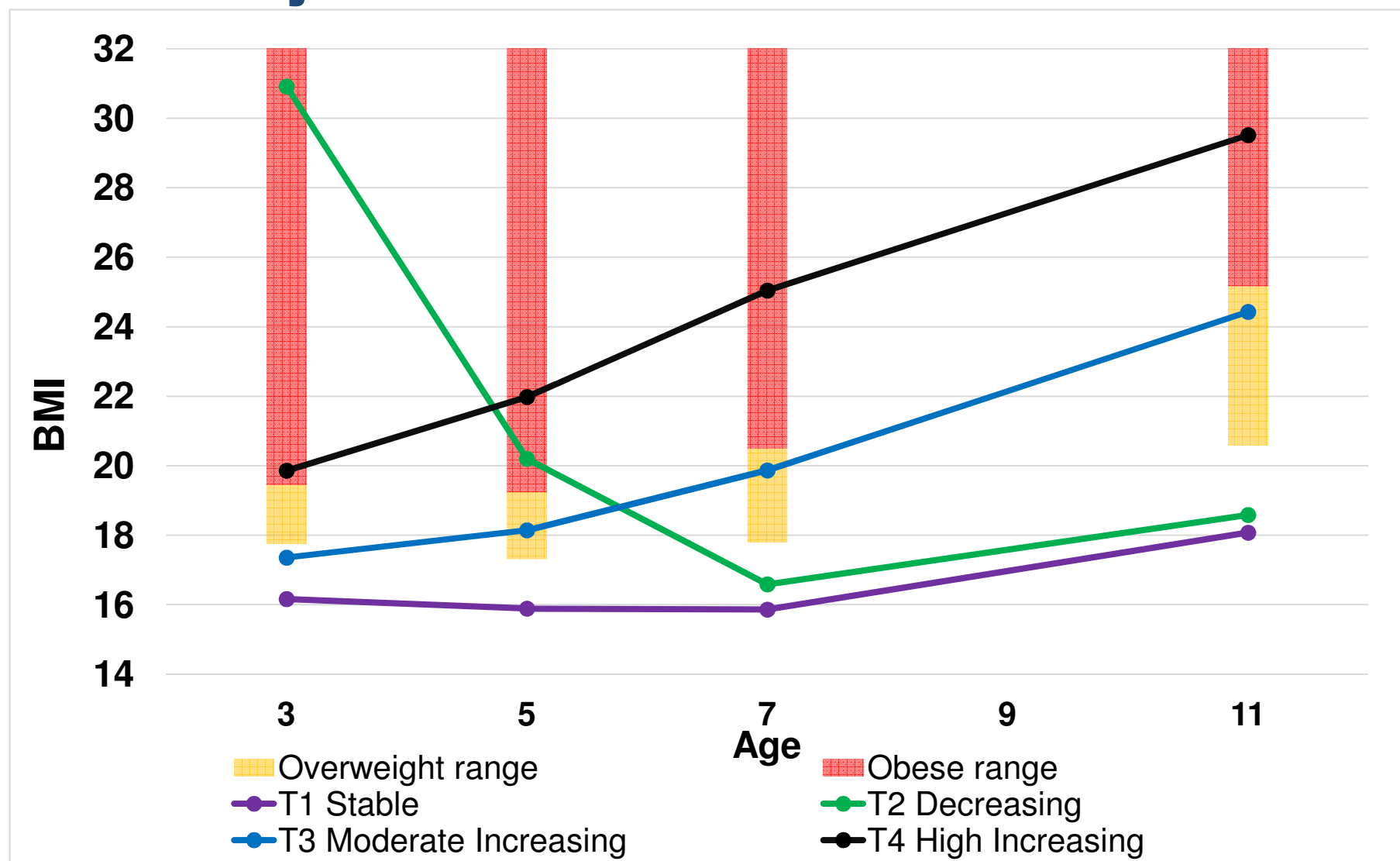Kelly, Kelly, Sacker Pediatrics 2013;132:e1184-93
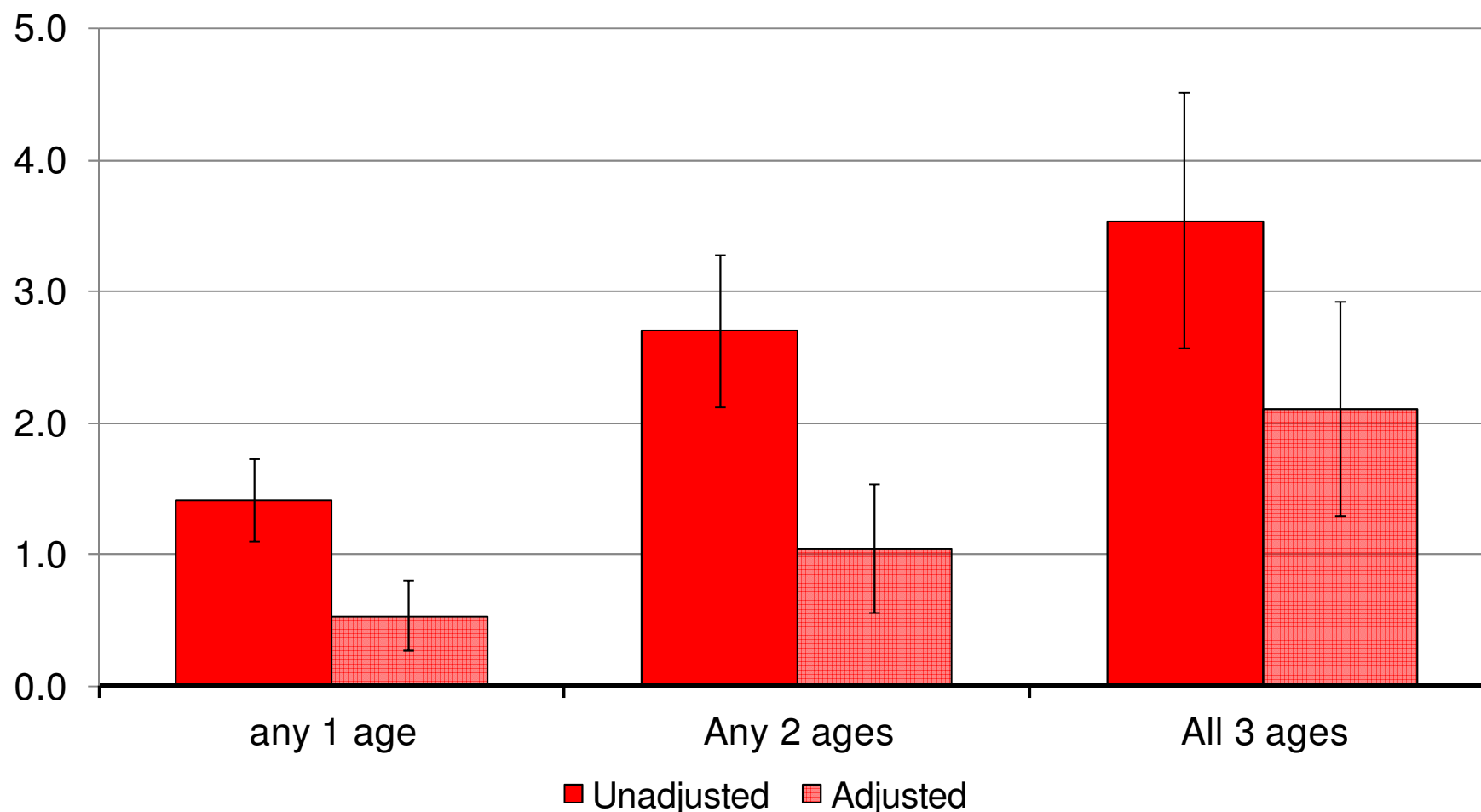
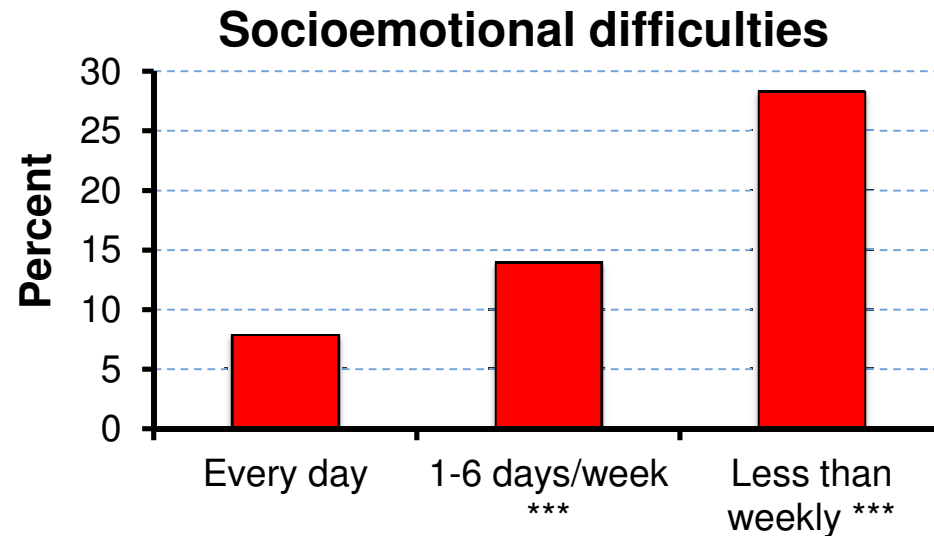# The effects of changes in the regularity of bedtimes on behavioural difficulties scores

Kelly, Kelly, Sacker *Pediatrics* 2013;132:e1184-93

Longitudinal Verbal Profiles

Zilanawala *et al*, Eur J Pub Health 2016
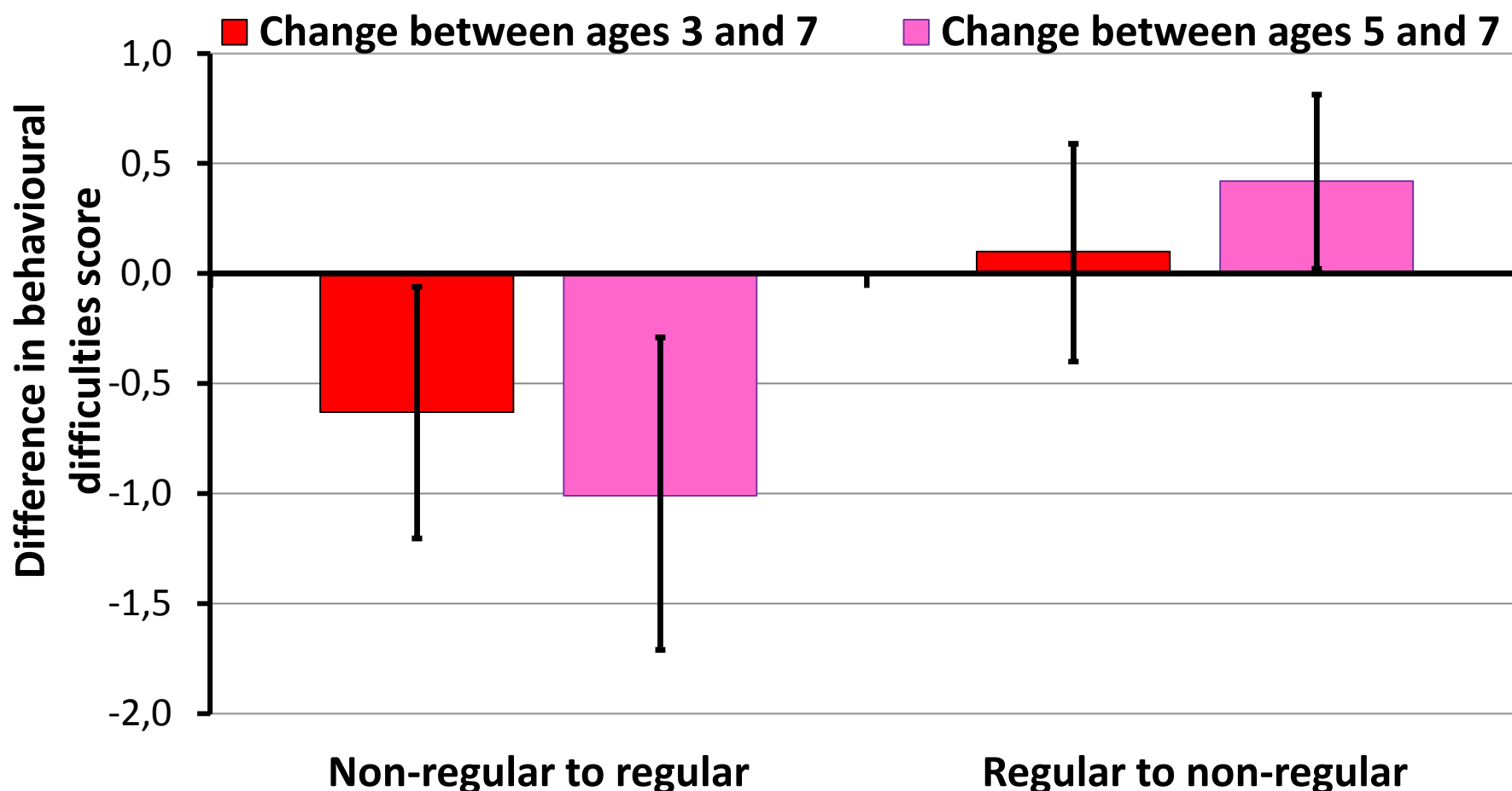
BMI trajectories in childhood

Kelly *et al Pediatrics* 2016

Being read to at age 3

Socioemotional difficulties

School readiness

Verbal ability
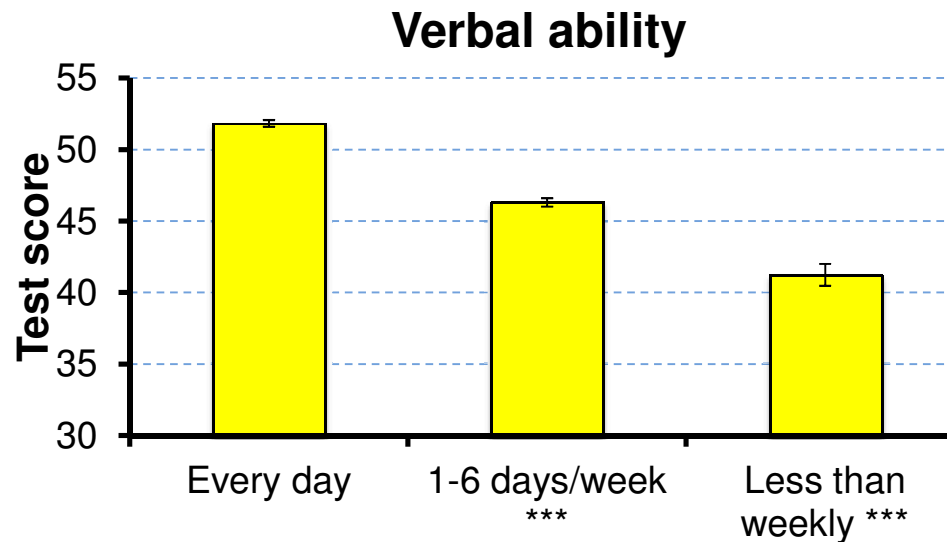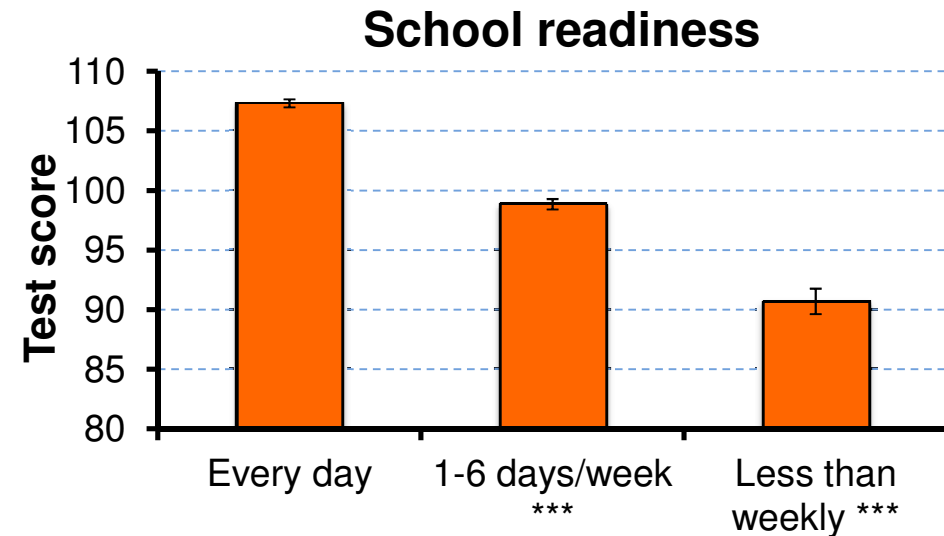
*** differences compared to those read stories to every day p<0.001
Kelly *et al*, forthcoming

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

Kelly *et al*, forthcoming

Longitudinal Verbal Profiles

Zilanawala *et al*, Eur J Pub Health 2016
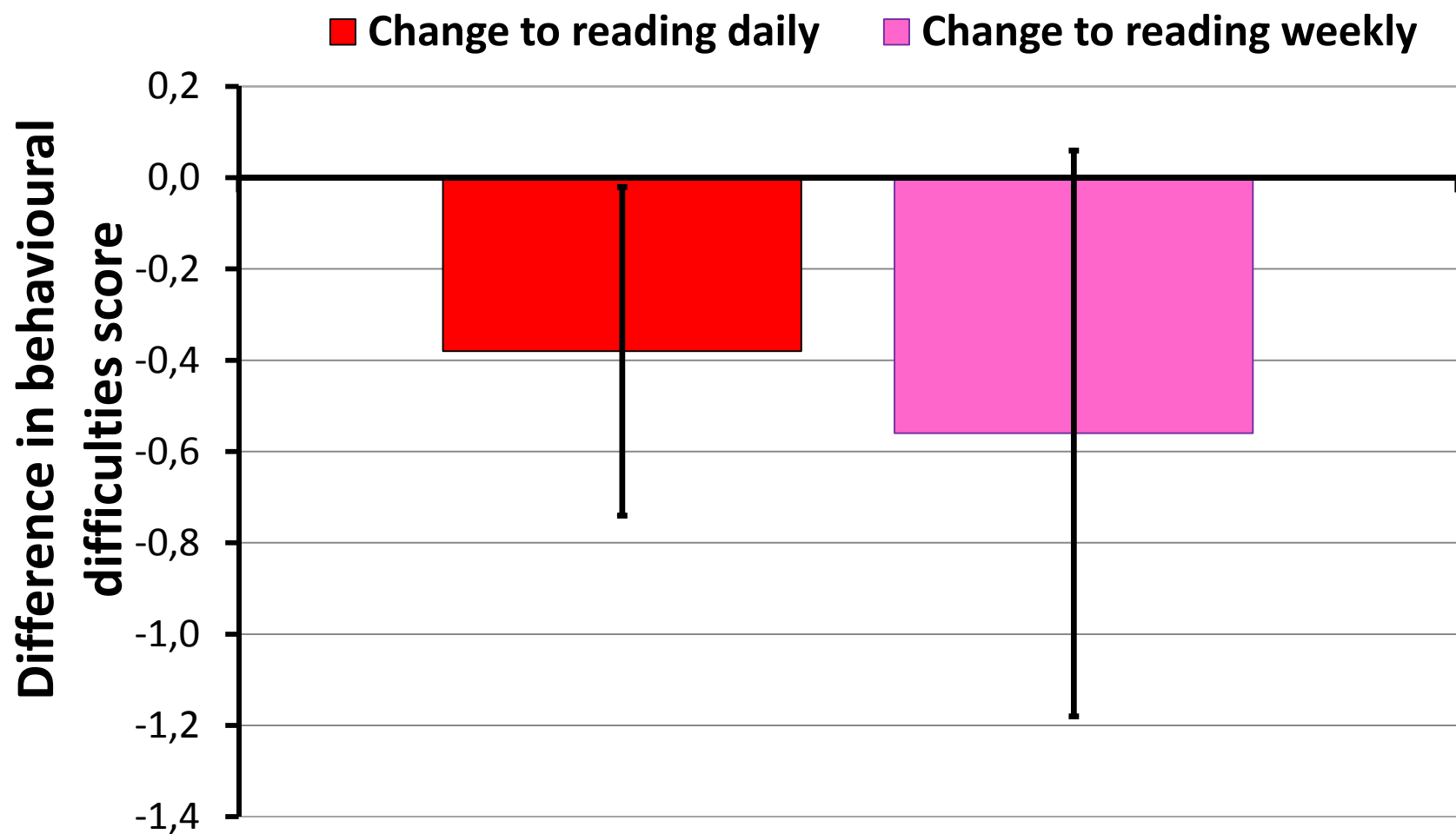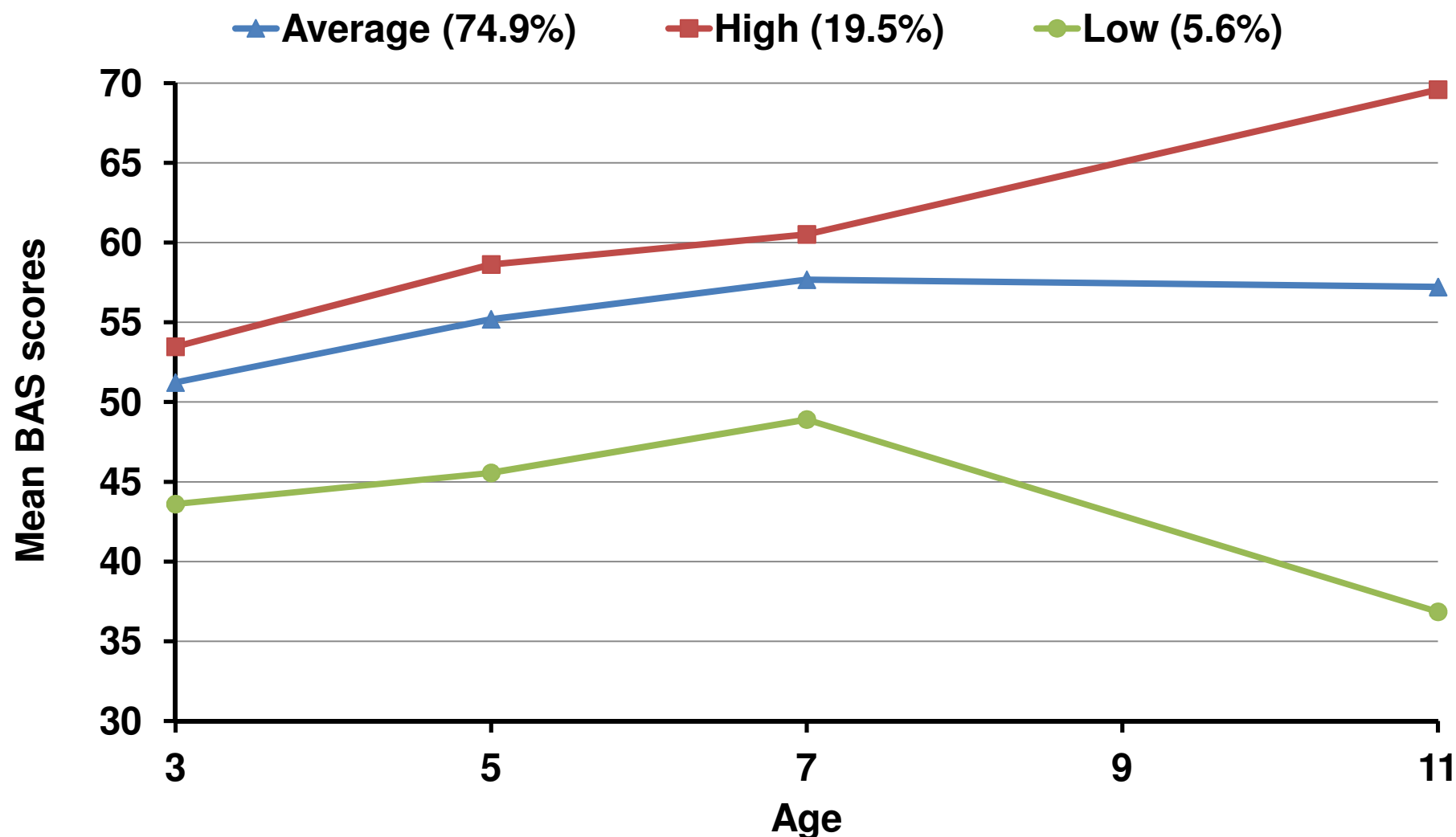
Reading for pleasure most days at age 11

Kelly et al, forthcoming
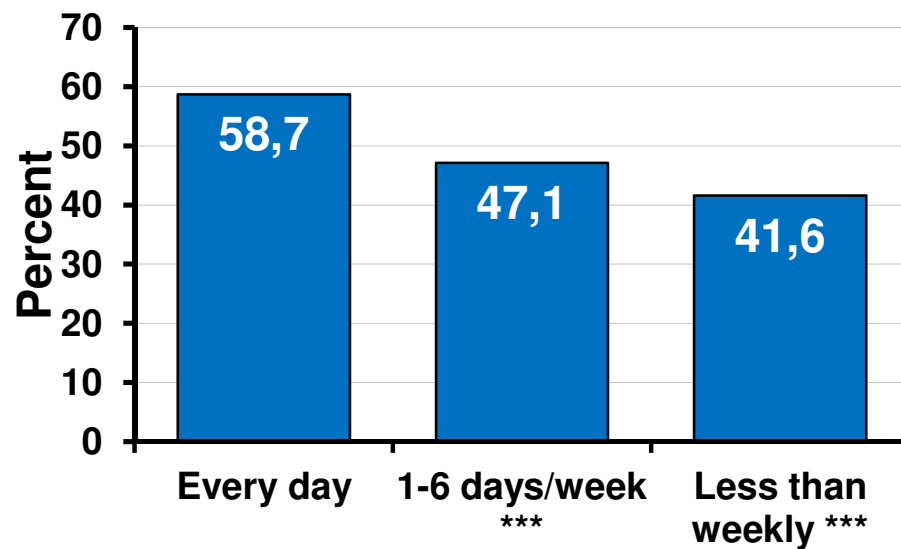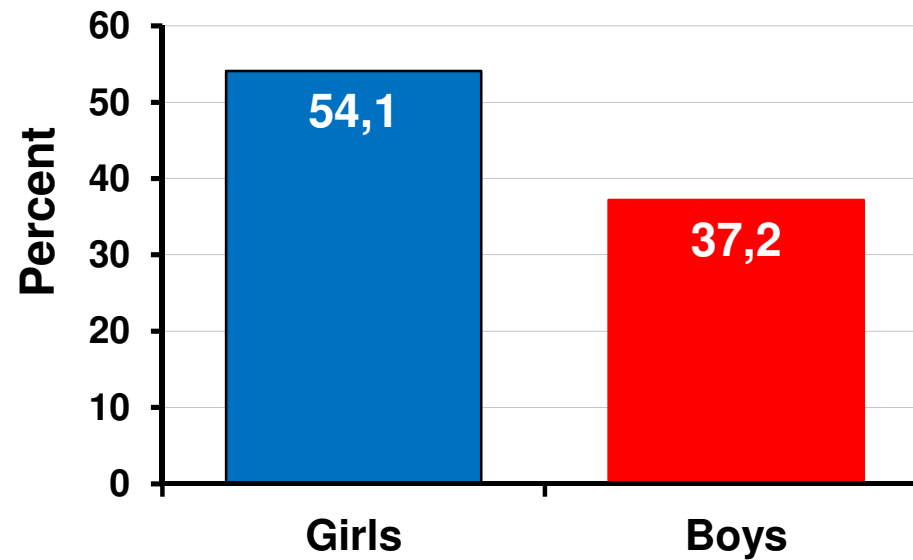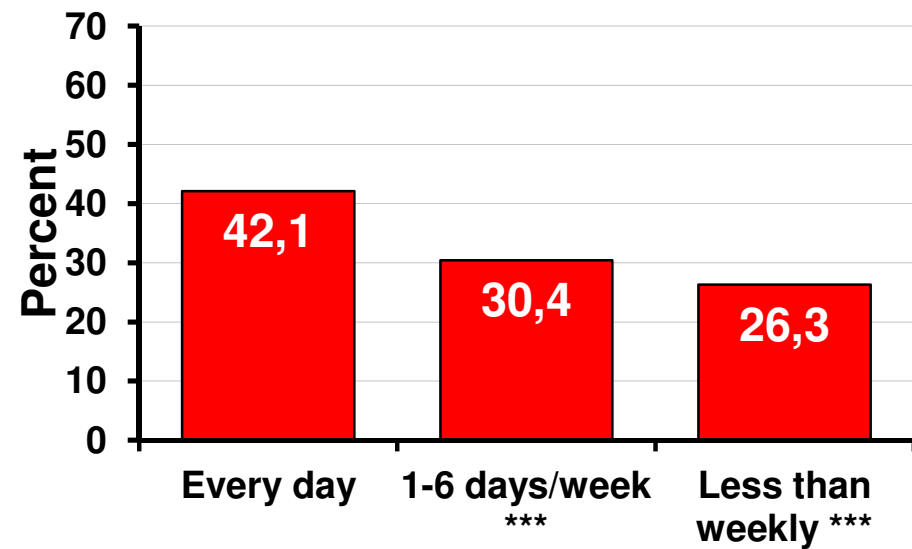
Well being at age 11 by reading for pleasure

Kelly et al, forthcoming
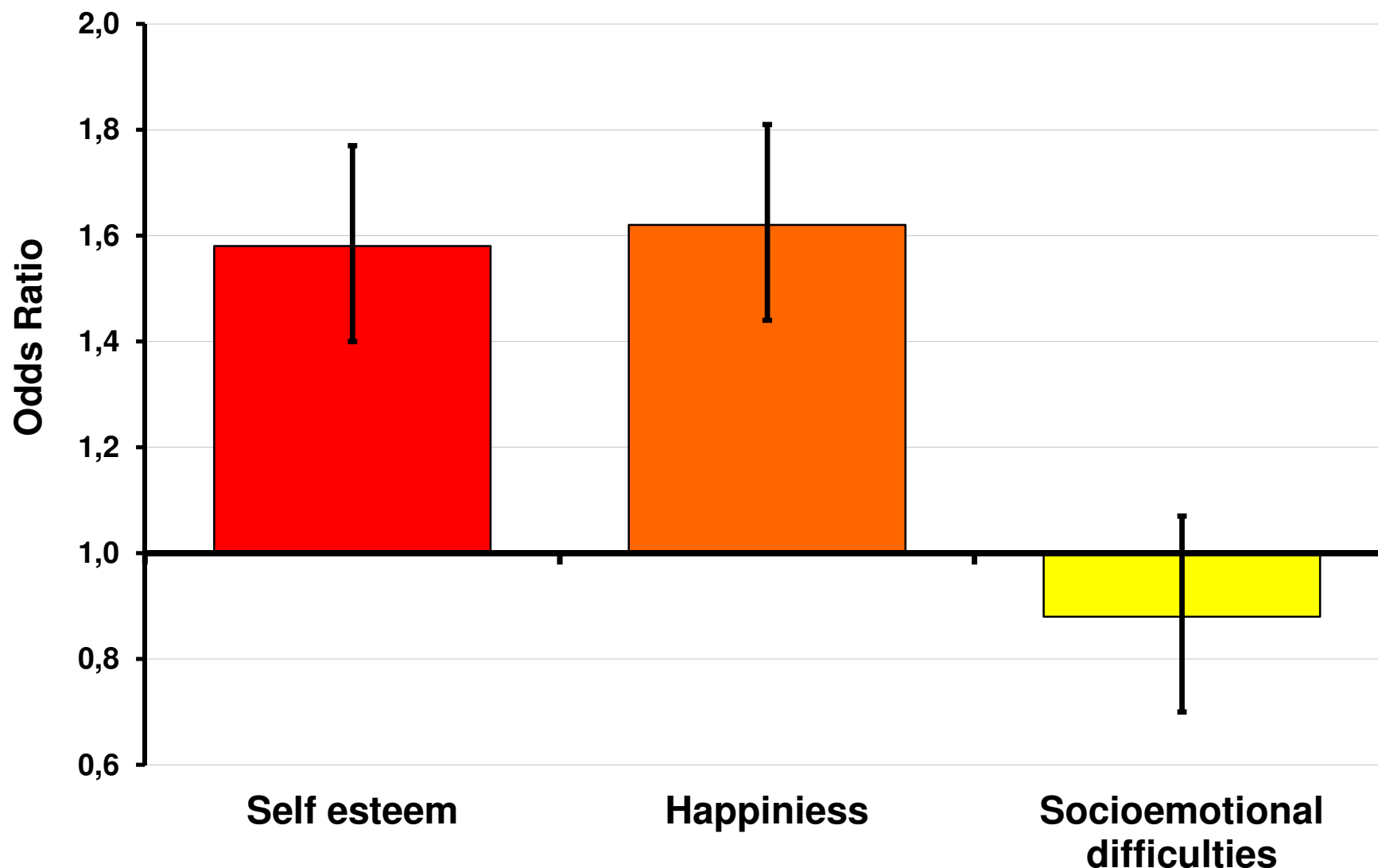
Income gap in the risk of socioemotional difficulties at 5 years of age

Kelly, Sacker, Del Bono, Francesconi, Marmot. Arch Dis Child 2011;96:832-7
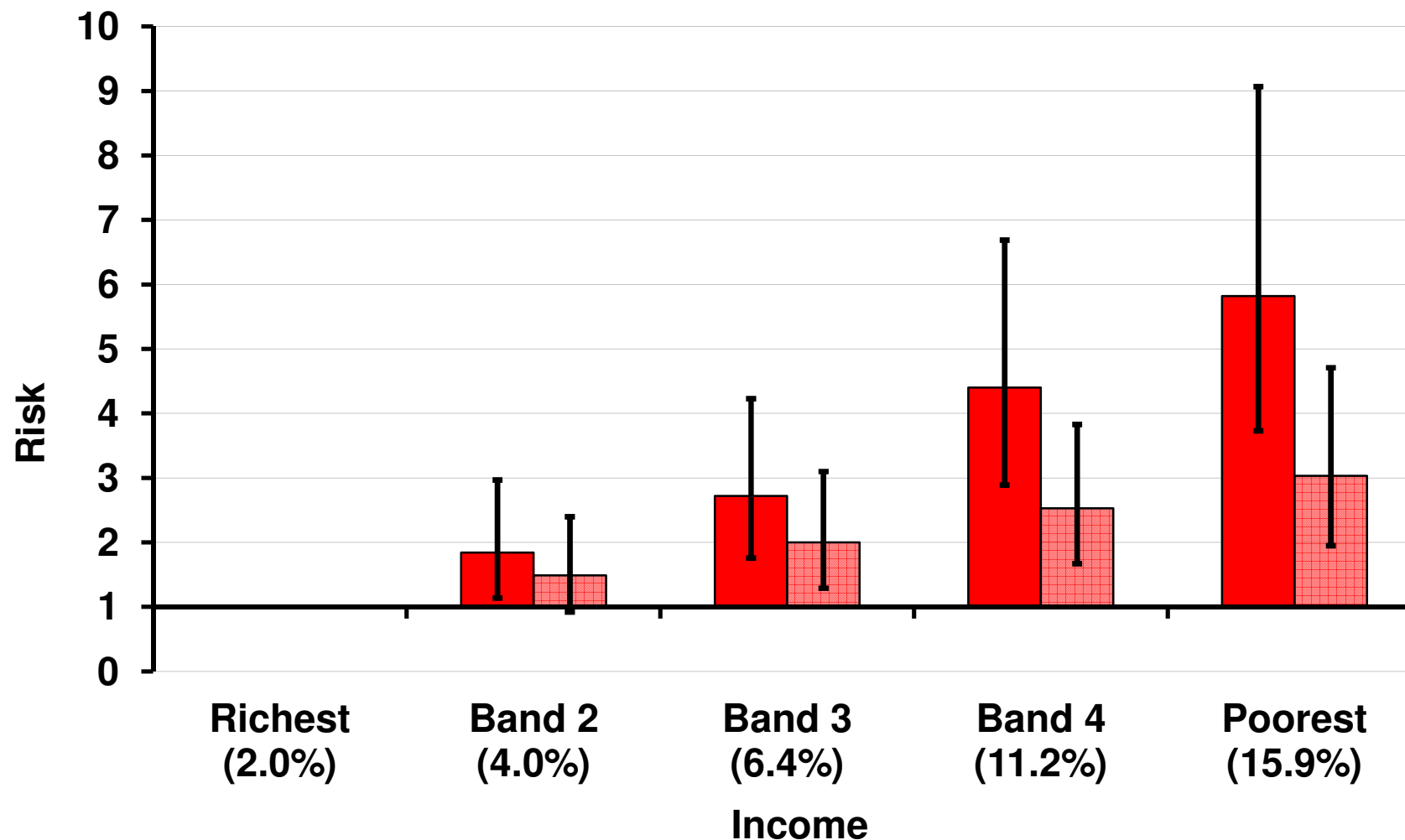
Summary

- 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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