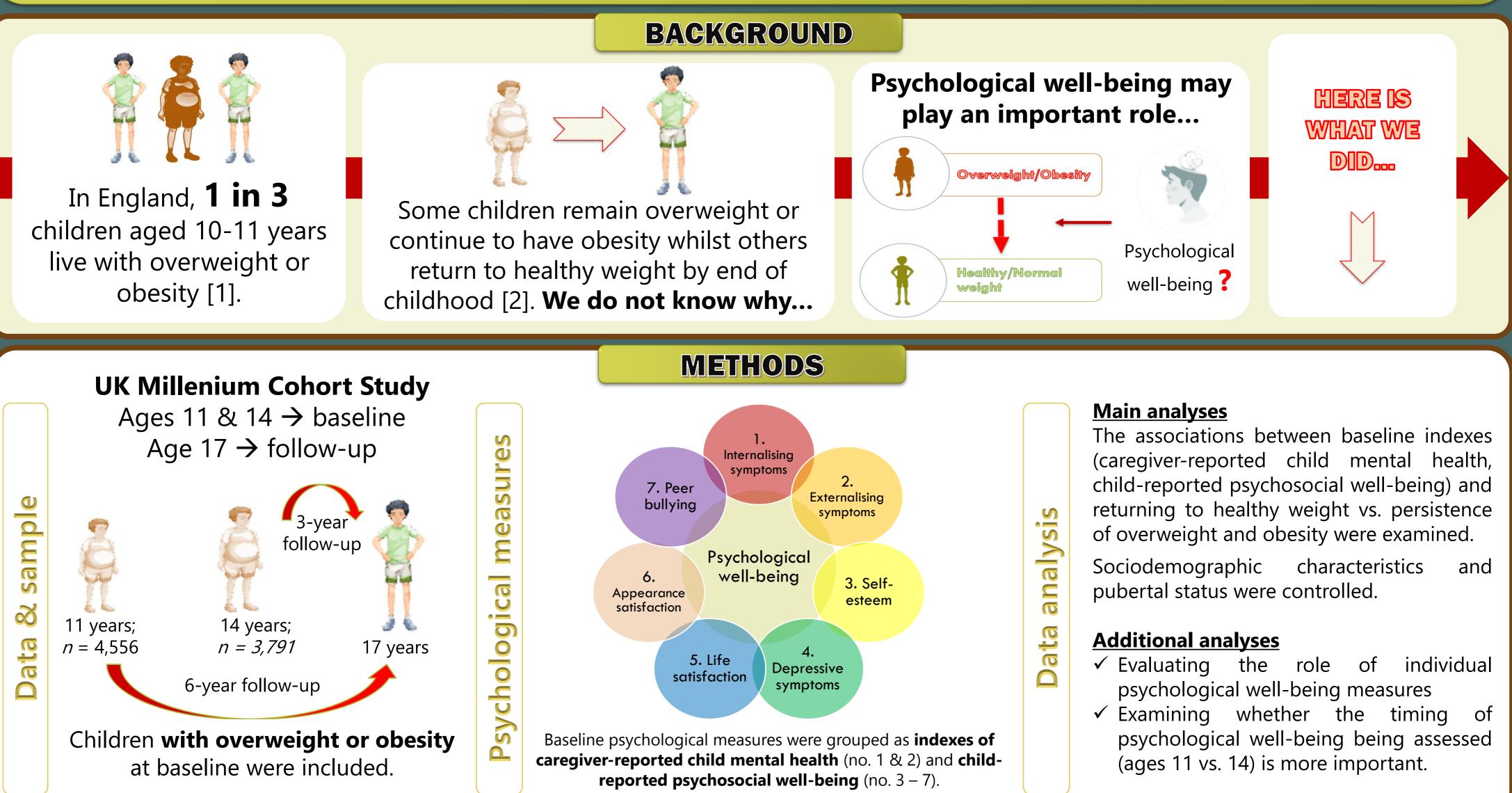
RETURNING TO HEALTHY WEIGHT AFTER DEVELOPING OVERWEIGHT OR OBESITY IN CHILDREN: DOES PSYCHOLOGICAL WELL-BEING PLAY AN IMPORTANT ROLE?

KEY MESSAGES

- Better psychological well-being at age 11 is associated with returning to healthy weight by age 17.
- ✓ Late childhood or early adolescence (age 11) may be a sensitive period in which psychological well-being has a pronounced relationship with future weight trajectory.

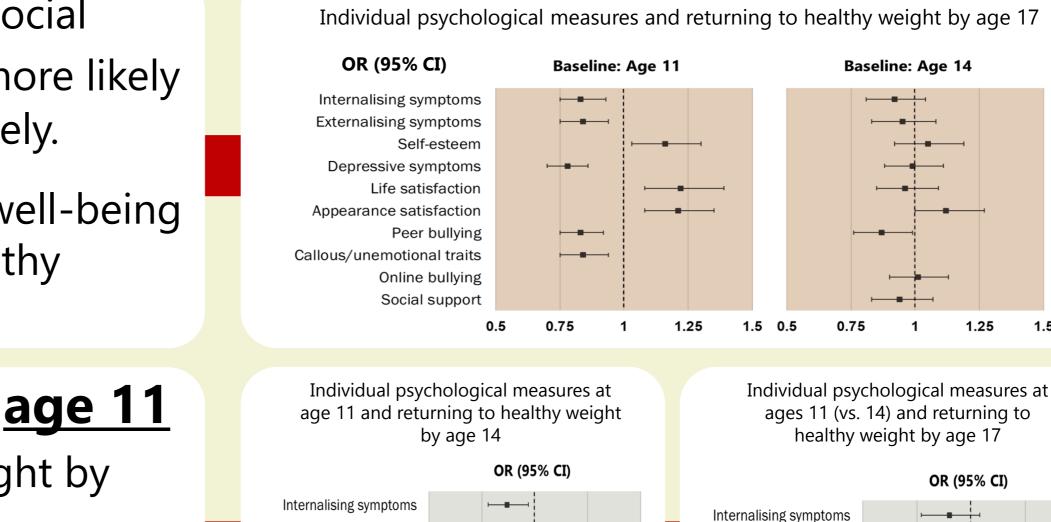
<u>I Gusti Ngurah Edi Putra^{1*},</u> Michael Daly², Eric Robinson¹ ¹Department of Psychology, University of Liverpool, UK ²Department of Psychology, Maynooth University, Ireland



HERE IS WHAT WE FOUND....

RESULTS

HERE IS WHAT WE FOUND....

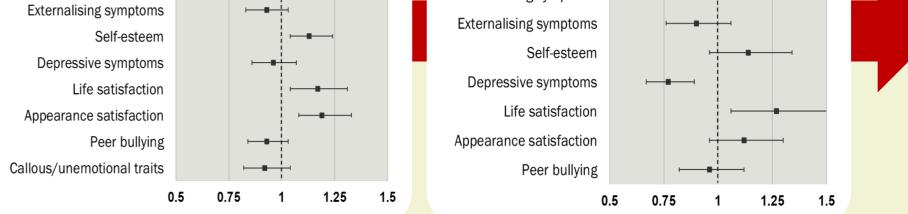


Children with better mental health and psychosocial well-being at **age 11** were **16%** and **29%** more likely to return to healthy weight by age 17, respectively.

✓ Neither better mental health nor psychosocial well-being at **age 14** was associated with returning to healthy weight by age 17.

✓ Children with better psychosocial well-being at <u>age 11</u> were **20%** more likely to return to healthy weight by age 14.

✓ Better psychosocial well-being at **age 11** compared to age 14 had a stronger association with returning to healthy weight by age 17.



IMPLICATIONS FOR POLICY

Integrating psychological support into current obesity prevention or weight loss strategies for children, particularly during an age-specific sensitive period (age 11), may have greater and long-term benefits in **improving healthy weight** over time.

ACKNOWLEDGEMENTS

This work received funding from the Economic and Social Research Council (ESRC) (ES/V017594/1).

We are grateful to the Centre for Longitudinal Studies (CLS), UCL Social Research Institute, for the use of these data and to the UK Data Service for making them available. However, neither CLS nor the UK Data Service bear any responsibility for the analysis or interpretation of these data.

REFERENCES

- NHS Digital. (2022). National Child Measurement Programme, England, 2021/22 school year.
- Pongiglione B, Fitzsimons E. (2019). obesity in Overweight and childhood adolescence: and findings from the UK Millennium Cohort Study, up to age 14. Longitudinal and Life Course *Studies* ,10: 27-50.







