

Dynamic Interplay of Online Risk and Resilience in Adolescence

Diora

WP3 of Adolescent Mental Health and Development in the Digital World – an UKRI research programme.

LSE



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Rationale

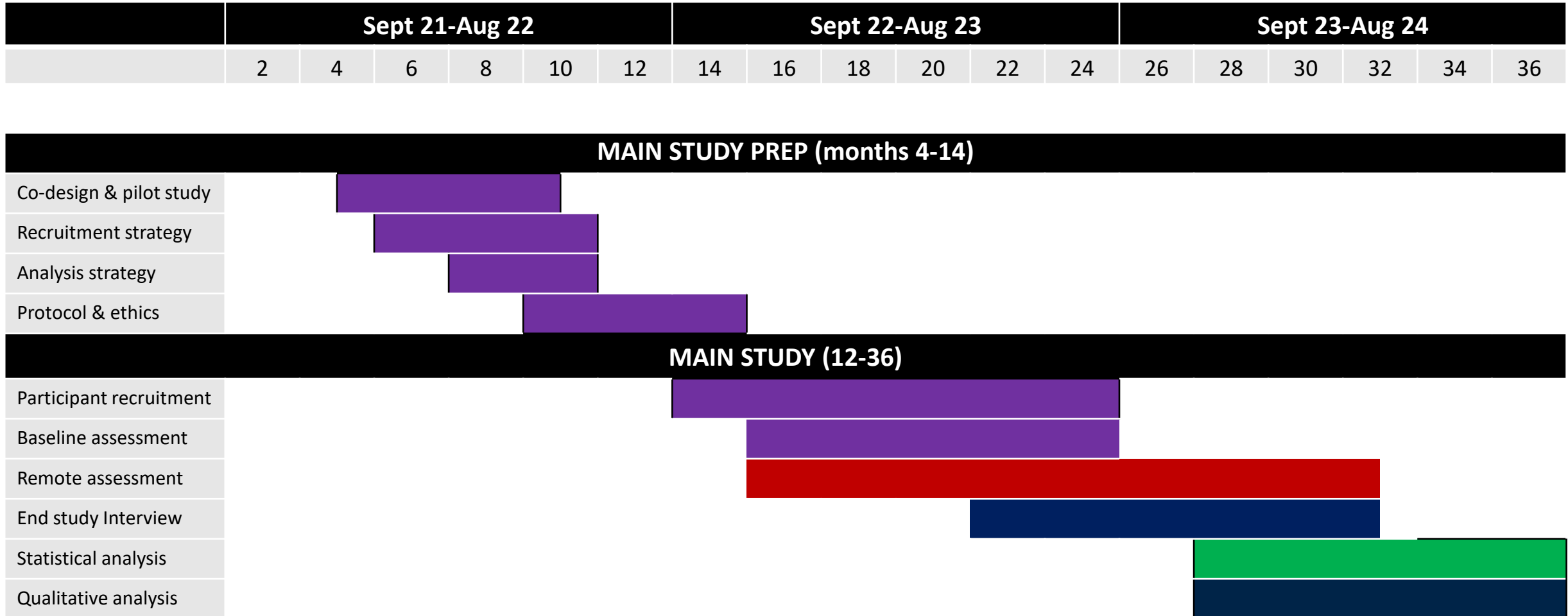
- Research highlights adolescent digital engagement (DE) as a mental health risk and, sometimes, a source of support, even resilience.
- However, the causal processes responsible remain largely unknown.
- To address this issue we need to understand how intra- or inter-individual variations in DE are related temporally to mental health.
- How -
 - within-individual changes in usage (type, intensity, duration) relate to fluctuations in mood and mental health.
 - how patterns vary as a function of pre-existing risk.

Aims

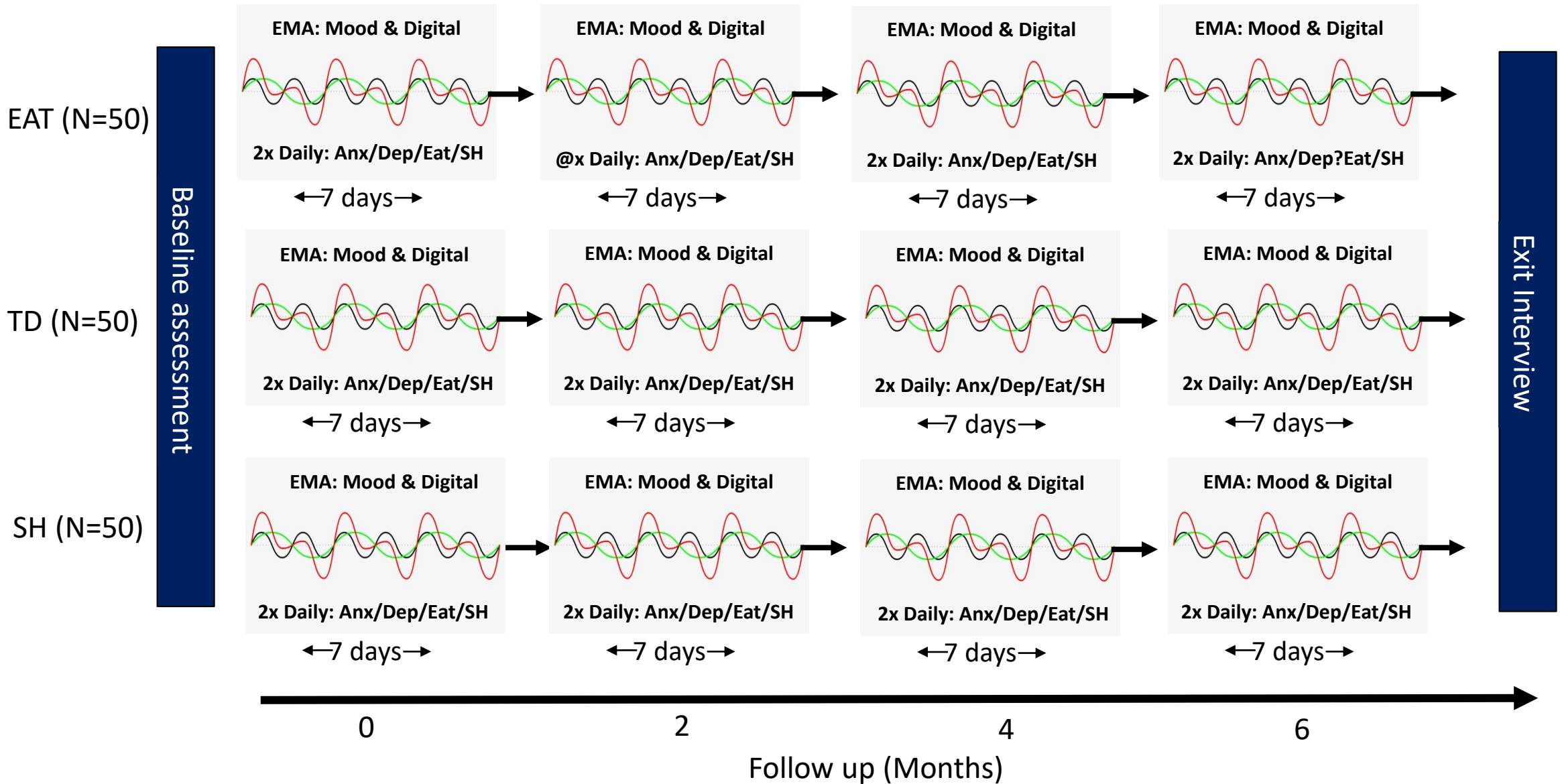
- To examine the temporal dynamics of DE across a critical period of adolescent development.
- To explore how DE changes relate to mood and mental health fluctuations.
- To identify how these relations vary as a function of specific DE characteristics.
- To test whether they are moderated by the presence of pre-existing eating disorders and self-harm.

STATS Work Plan

● Shared task
 ● LSE RF
 ● KCL RF
 ● KCL Stats



Possible Design



Feasibility Questions

- What is the critical adolescent period we should focus on?
- How long and how frequent should the intensive measurement periods be?
- What is the best way to capture temporal changes in digital usage across the day?
- Can we recruit sufficient clinical cases?
- How can we integrate intensive measurements and long-term longitudinal patterning into one analysis strategy?