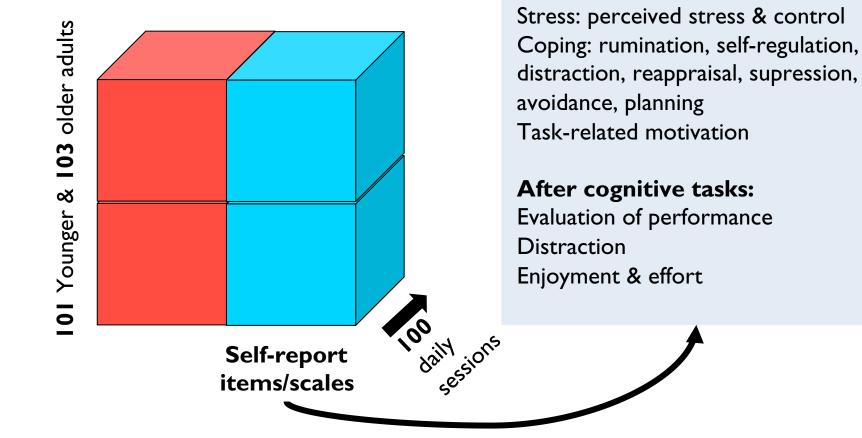


Schmiedek, Lövdén, & Lindenberger (2013; Psychological Science)

COGITO's Self-report Cubes

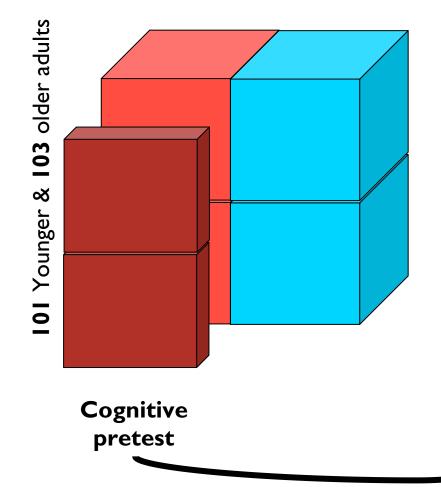


Brose, Schmiedek, Lövdén, Molenaar & Lindenberger (2010) Brose, Schmiedek, Lövdén, & Lindenberger (2011, 2012)

others

Before cognitive tasks: Mood/Affect: PANAS & Happiness Sleep: quality & quantity Health: constraints of daily activities Events: 8 event categories (DISE) +

COGITO's Cognitive Baseline Measures



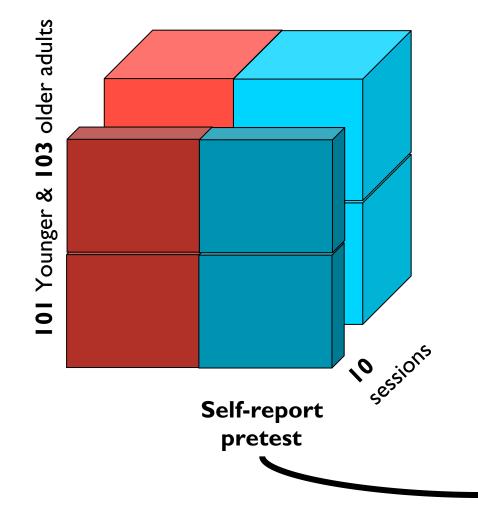
Intensive assessment of 12 daily tasks:

 \rightarrow Varying presentation times for working/episodic memory

Transfer tasks:

Reasoning (13) Episodic memory (10) Working memory updating (3) Working memory complex span (3) Processing speed (13) Vocabulary (1)

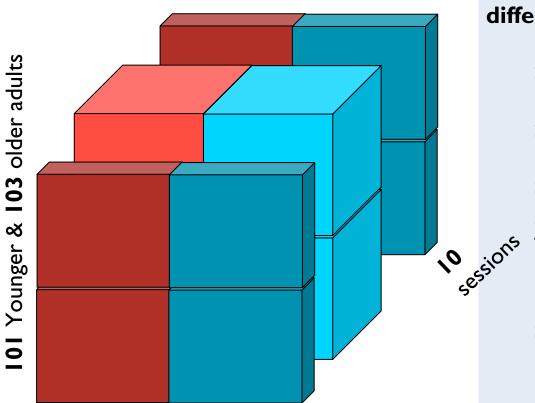
COGITO's Self-report Baseline Measures



Personality: Big Five Self efficacy **Control beliefs** Self regulation **Emotion regulation** Affect intensity Well-being/Health: Life satisfaction Affective well-being Psychological well-being Depressive symptoms Physical symptoms Major illnesses Alcohol consumption Information on chronotype, seasonality Stress:

Major life events Perceived stress Chronic stress Coping

COGITO's Posttest

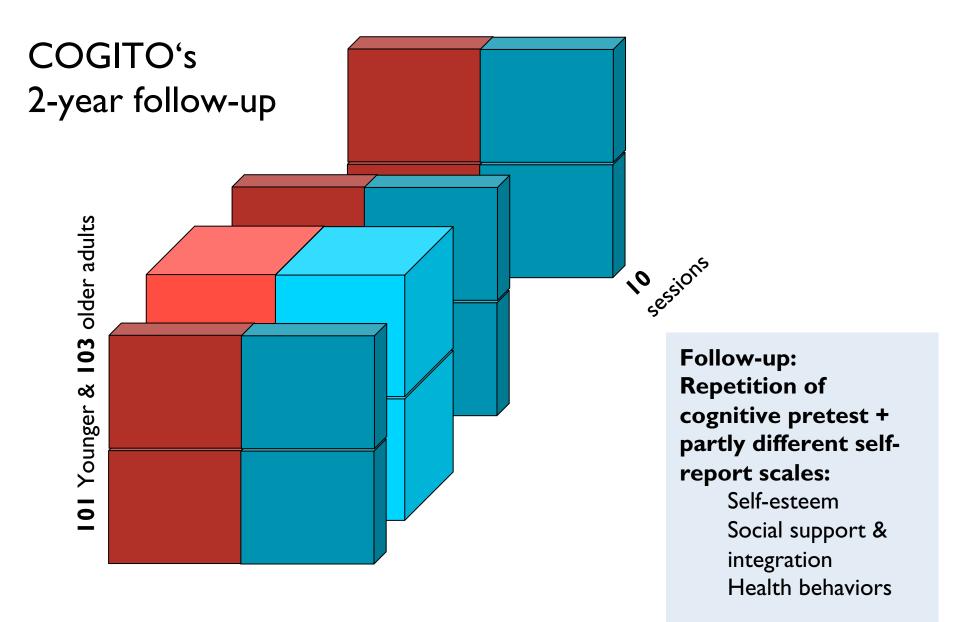


Posttest: Repetition of cognitive pretest + different self-report scales:

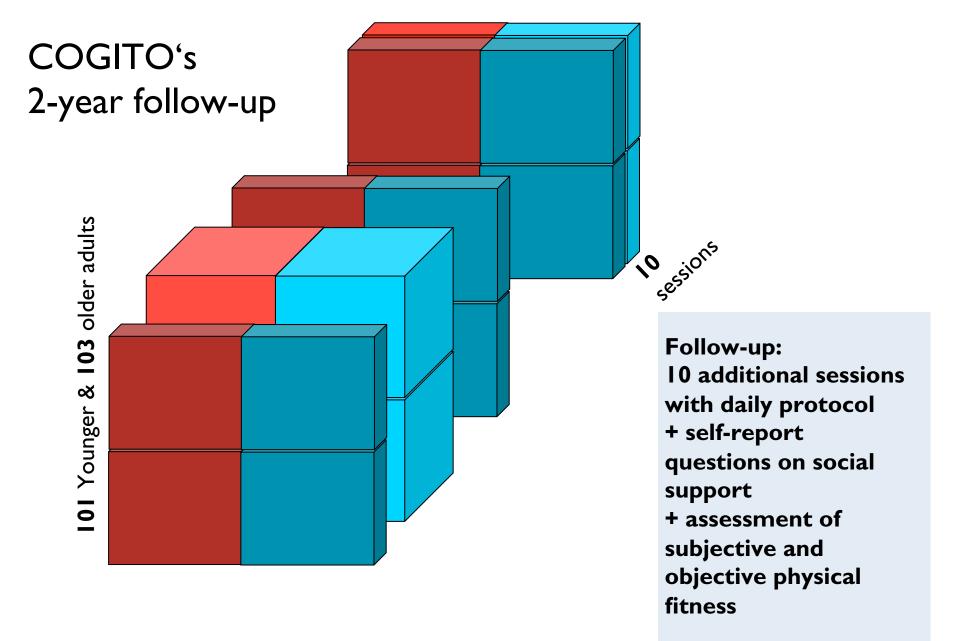
Physical activity
Social and cultural engagement
Personal interests
Social support
Goal pursuit & adjustment
Screening of psychopathological
symptoms

Typical intellectual engagement Beliefs about memory

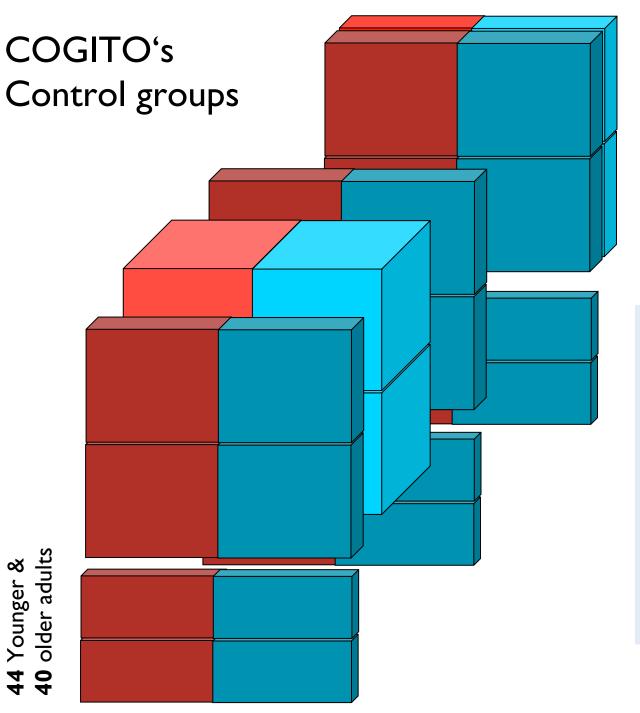
Study evaluation: enjoyment, motivation, strategy use



Wolff et al., 2013



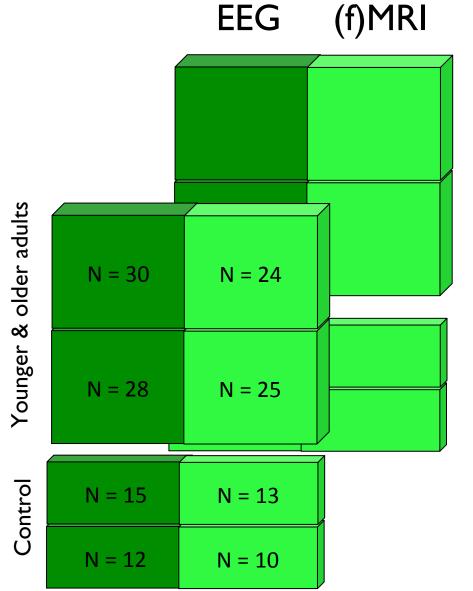
Wolff et al., 2013



Control groups:

Same pretest/ posttest/follow-up with comparable time delays between occasions

COGITO's Neuroscience



EEG:

- Resting state
- Two-choice tasks

MRI:

hand-traced regions

DTI

fMRI:

- Memory updating
- Paired associated
- Two-choice decision