

# WORKING MEMORY



# Recommended for measurement development

## Goal Maintenance Interference Control

Rationale: Strengths

Neurobiology relatively well understood

Key Components of WM

Highly Impaired in SCZ

May explain “capacity” limitations

Links to literature on distractibility in SCZ

- Rationale: Limitations
- Translation to animal model not clear (for goal maintenance)
- May be hard to isolate from other components

# Not Recommended for further research

## Decay over time

- Rationale: Strengths
- Rationale: Limitations
- Little evidence for impairment in schizophrenia (e.g., increased forgetting rates, absence of large delay effects without distraction)

# More basic cognitive neuroscience research needed

## Strategic Encoding LTM Reactivation Capacity

- Rationale: Strengths
- Important for understanding input effects
- Interesting models proposed
- Rationale: Limitations
- Need to link to neurobiology more clearly

# More clinical research needed

## Sustainment/Maintenance over time Updating

- Rationale: Strengths
- Clear links to animal models
- Human computational models
- Rationale: Limitations
- Clarify whether this is impaired in SCZ independent of other components