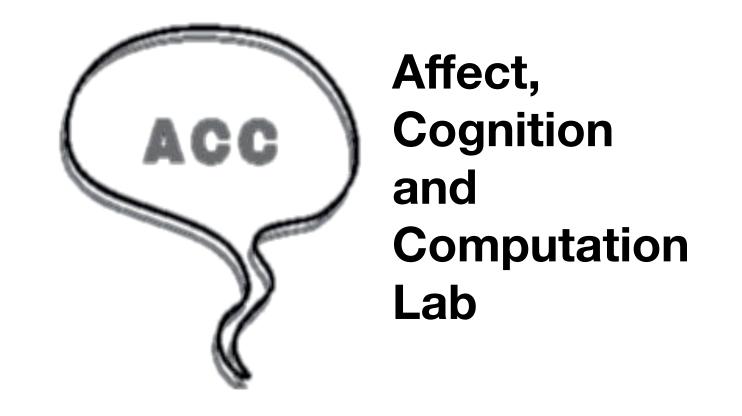


# Freely Moving Thought's Relationship with Testing Ability

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### Introduction

Wong et al. (under review), found task unrelated thought is negatively related to learning outcome (r = -0.27)

Is an off-task mind a freely-moving mind? Examining the relationship between different dimensions of thought

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### **Research Question**

Does freely moving thought have a similar relationship?

### <u>Methods</u>

87 Participants

 $(M_{age} = 19.24; range: 18-25)$ 

Read a text about life expectancy of humans

Probed 4 times about TUT and FMT during reading

Comprehension of text was assessed through an 8 question multiple choice test

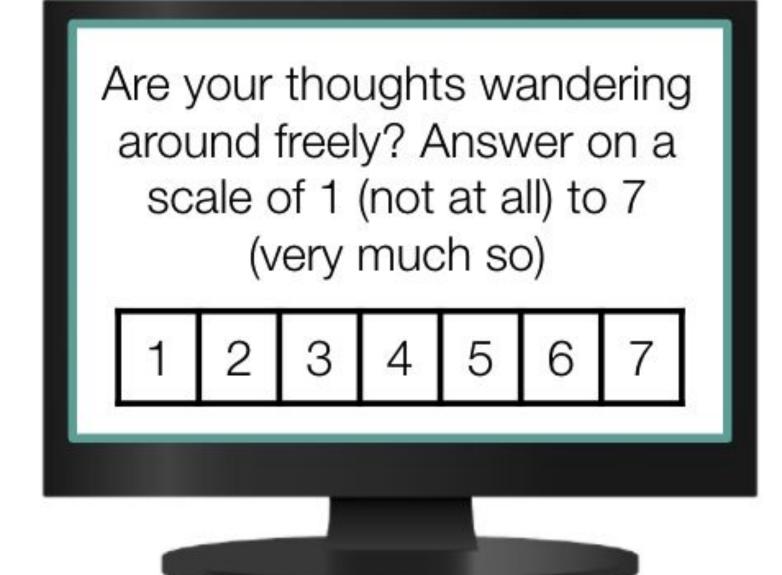
# Task Unrelated Thought (TUT):

when thoughts shift away from one's current task

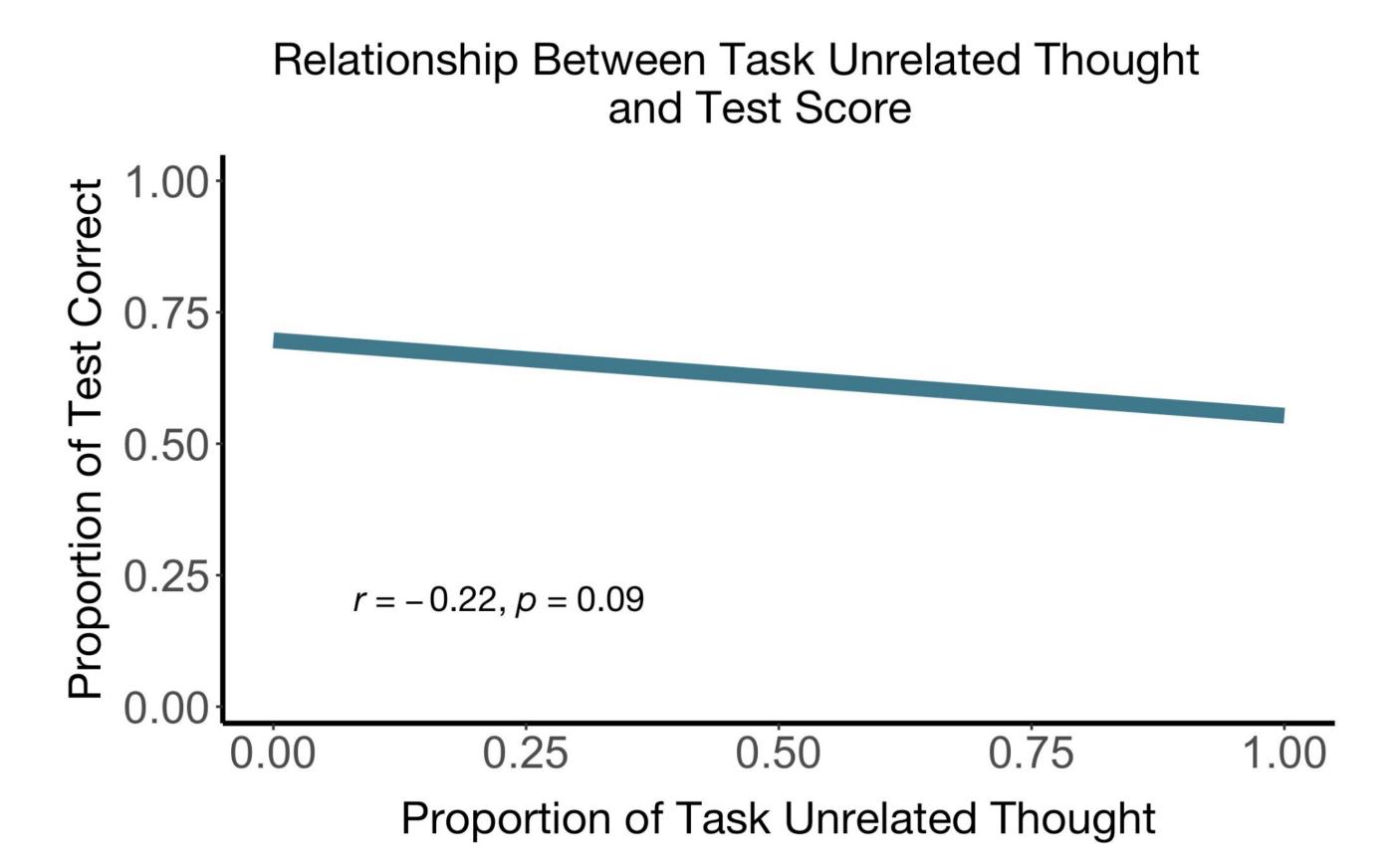
### Freely Moving Thought (FMT):

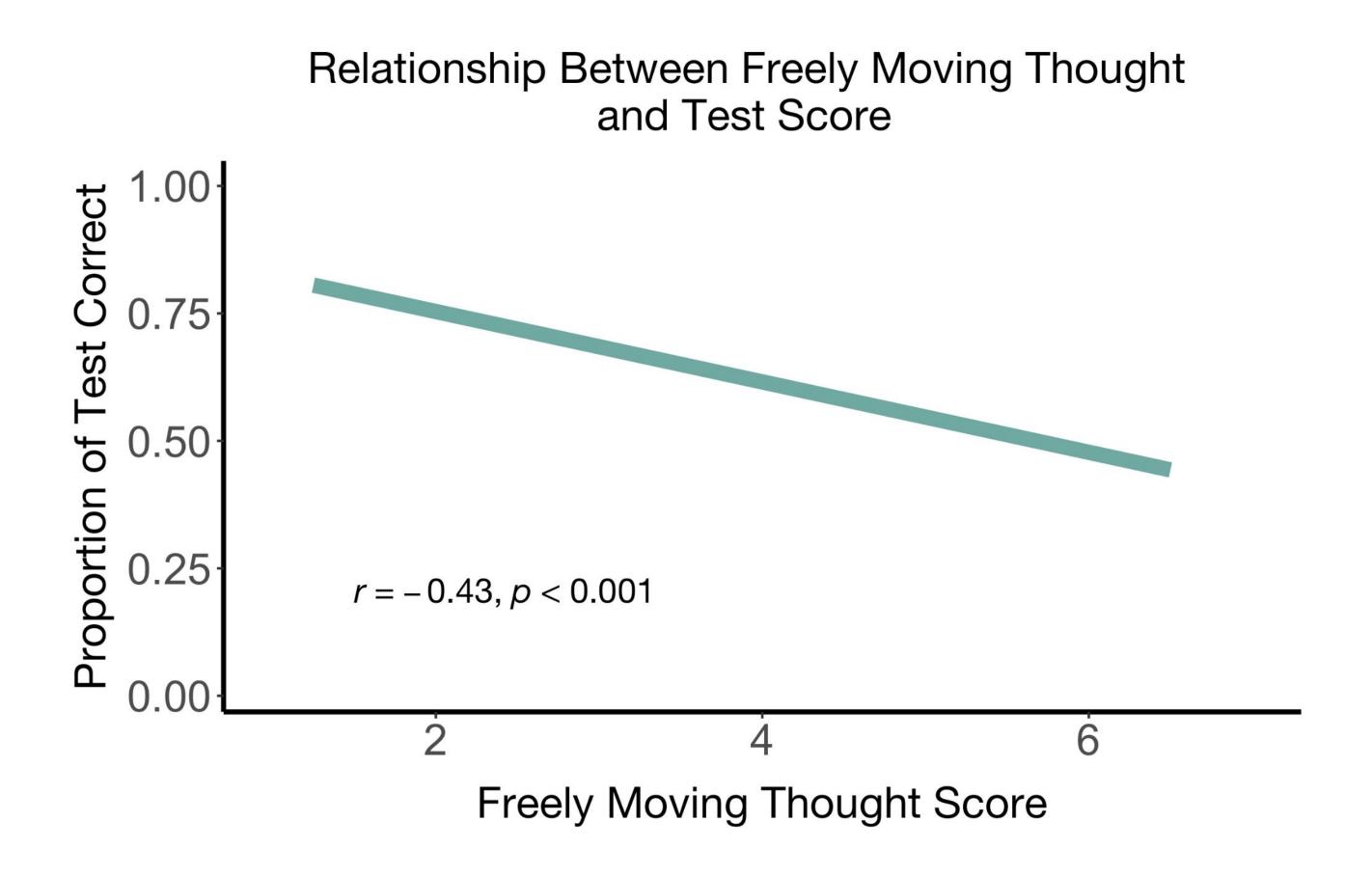
occurs when spontaneous thoughts move freely from one thing to another

Are you thinking of something other than what you currently are doing? Select Y for yes and N for no.



### Results





## Discussion

FMT explained 18.5% of variance with test performance and TUT explained 4.8% of variance

Majority of past and current research focuses on the relationship TUT has on comprehension

Finding a way to reduce FMT and TUT together could potentially help raise test performance