- unclear
- in word-memorization, and emotional load

- part study



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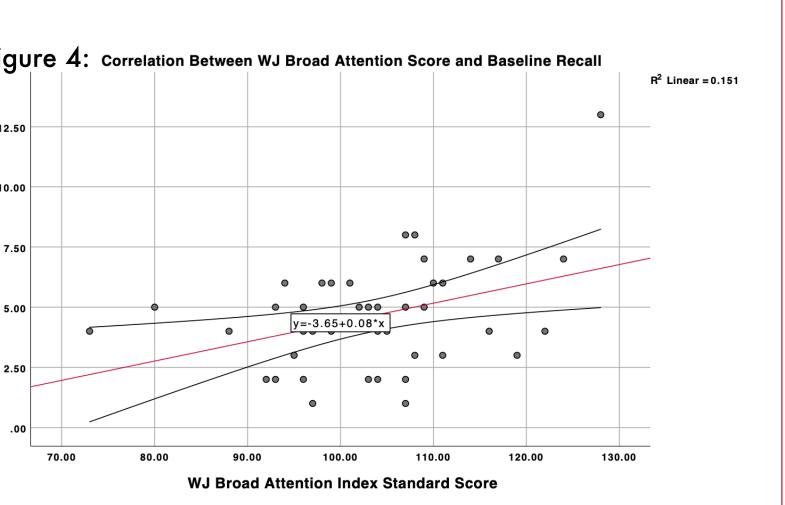
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# Upset and Unfocused: ADHD symptoms and cognitive abilities as moderators for working memory performance under varying levels of emotional load

	•			
- Recognition	List C	Recall	List C Re	ecognition
Symphony Later Generous Wisdom Achievement	Unknown Instance Usual Aspect Memory	Appear Value Hardly Estimate About	Acclimate Justify Courage Memory Provision	Other Instance Boastful Nearly Hardly
Distinct	Other	Effort	Usual	Worth
: Extra Denotive	Opinion Decision	Because Himself	Theater Effort	Prospect Career
n Ability	Social	Justify	Thought	Being
e Audacity	Courage	Concert	Himself	Unknown

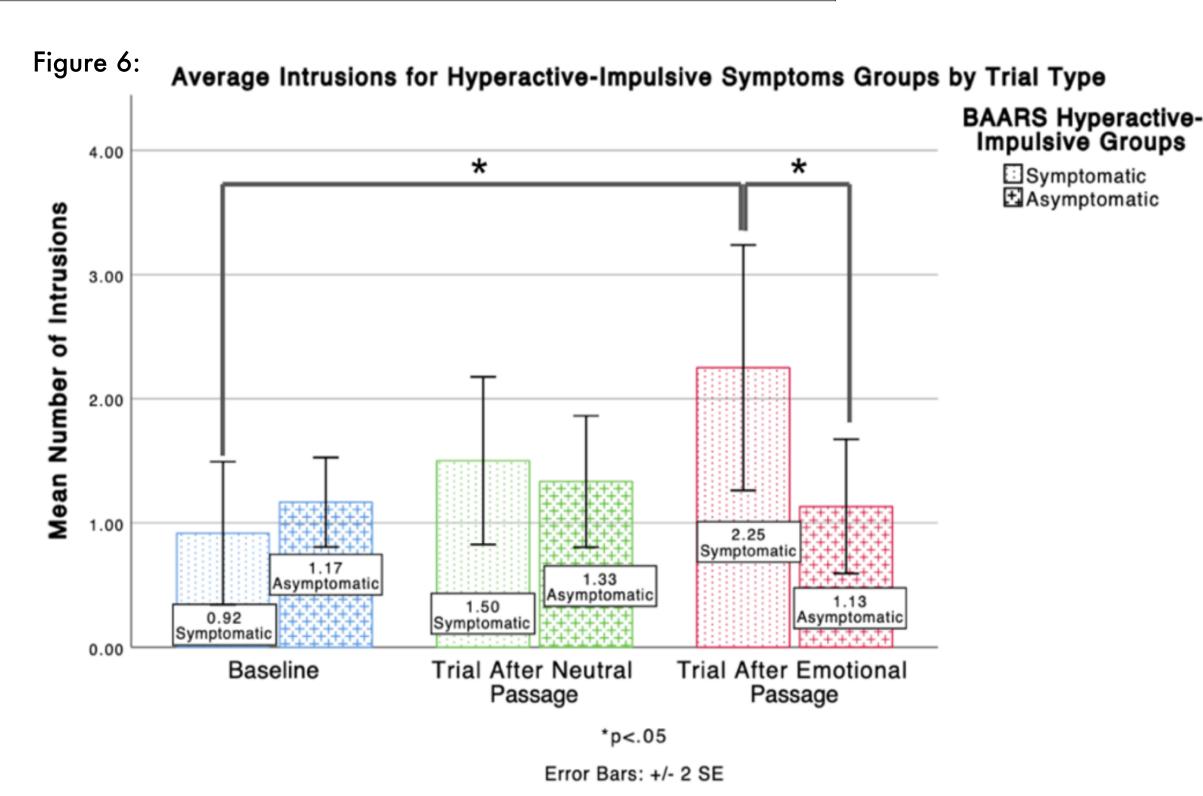
e Abilities Groups	N (%)	Mean (SD)
dex High	17 (34%)	123.41 (7.37)
dex Low	17 (34%)	95.88 (5.49)
ex High	17 (34%)	116.24 (8.41)
ex Low	17 (34%)	91.41 (6.43)

Positive correlation between workin<u>g</u> memory standard scores and baseline recall (r=.39, P=.01)



## Figure 5: BAARS Symptomatic and Asymptomatic Groups

Symptomatic Inattention Group Asymptomatic Inattention Group Symptomatic Hyperactive-Impulsive **Asymptomatic Hyperactive-Impulsi** Symptomatic ADHD Group Asymptomatic ADHD Group Symptomatic Sluggish Cognitive Ter Asymptomatic Sluggish Cognitive To



- their baseline trial (t=3.08, P=.01)

- executive function or lack thereof





	N (%)
	17 (34%)
	27 (54%)
ve Group	14 (27%)
sive Group	33 (66%)
	14 (27%)
	26 (52%)
empo Group	16 (32%)
Tempo Group	24 (48%)

**BAARS** Symptomatic and Asymptomatic Groups were composed of participants above the 93<sup>rd</sup> percentile on either the subscore or symptom count, or below the 73<sup>rd</sup> percentile, respectively

Symptomatic Asymptomatic

• As seen in Figure 6, participants in the hyperactive-impulsive Symptomatic group produced more intrusions on the trial after the emotional passage than Asymptomatic peers (t=2.11, P=.04)

Furthermore, these Symptomatic participants also provided more intrusions in the trial after the emotional passage as compared to

# CONCLUSIONS

• College students in this sample with high hyperactive-impulsive ADHD symptoms performed worse on the self-regulatory EF aspects of the word memory task, including producing higher levels of intrusions in the trial after the emotional passage

This is unlike the deficits shown by the cognitive abilities groups, which were more closely tied to overall task performance ability

Results further confirm that the WJ cognitive tests and BAARS questionnaire are not detecting the same characteristics of

