INTRO

- Trails-X (Hartman & Reynolds, 2019), is a new measure of executive functioning with little independent validation.
- To date, there has been one poster from Greene et. al (2019) outside of the original publication study.

METHODS

Participants

- 14 participants identified in retrospective study from Brooke Army Medical Center (BAMC) Brain Injury Rehab Services (BIRS). Participants failing performance validity tests (PVTs) were excluded.

Measures

- Trails-X was compared with several measures of attention, executive functioning, and "hold" tests.

Analyses

- All scores were converted to z-scores for ease of comparison.
- Pearson's correlation conducted.

RESULTS

- Large to medium correlations between Trails-X scores, DKEFS Design Fluency scores, and WAIS PSI.

DISCUSSION

- There is promising initial evidence of convergent and divergent validity outside of the initial validation studies to suggest Trails-X is an adequate test of executive functioning. A larger sample would provide a more robust study.

DKEFS Design Fluency and no correlation with Trails A &B, DKEFS Tower, WAIS Vocab, Matrix Reasoning, or TOPF.

	DKEFS Dot Switching	DKEFS Total Dots	DKEFS Set Loss Errors**
Trails-X Matrix	0.71*	0.62	-0.8*
Trails-X Total Connected	0.63	.29 (ns)	-0.62*

	DKEFS Filled Dots	DKEFS Dot Switching	DKEFS Total Dots	DKEFS Set Loss Errors**	WAIS PSI
Trails-X Time	-0.6	-0.53	-0.6	0.56	-0.52

p is less than .05 for all correlations unless otherwise stated (i.e. "ns")
**p* is less than .01
**scores reversed

Trails-X™

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addressed to carlos.l.salazar3.mil@mail.mil.