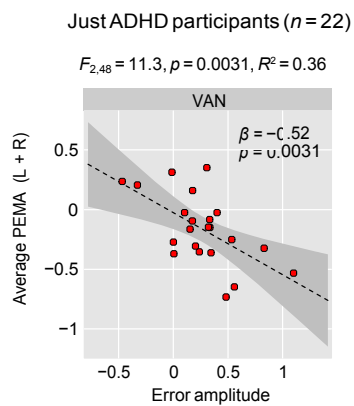


**Fig. S1:** Additional regression models predicting  $\sigma(\text{RT})$ . Scatterplots show associations between surviving predictors and  $\sigma(\text{RT})$ . See Fig. 3 in the main manuscript for display conventions. **(A)** Model included the number of errors (omitted or committed) performed by participants as an additional predictor. **(B)** Model considered only control participants. **(C)** Model predicted  $\sigma(\text{RT})$  for incompatible rather than compatible trials. **(D)** Model included CON1–VAN connectivity (correlation averaged over 0–2 lags) as an additional predictor.

**Appendix 1** to Plessen KJ, Allen EA, Eichele H, et al. Reduced error signaling in medication-naive children with ADHD: associations with behavioral variability and post-error adaptations. *J Psychiatry Neurosci* 2015.  
DOI: 10.1503/jpn.140353



**Fig. S2:** Additional regression models predicting PEMA. Scatterplot shows the association between VAN error amplitude and PEMA (averaged over left and right motor networks) for ADHD participants only.