

Supplemental Material: Sit still and pay attention: Using the Wii Balance-Board to detect lapses in concentration in children during psychophysical testing

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1. Smoothing parameter when computing Postural Instability (CoP_{MAD})

Trial-by-trial estimates of Postural Instability (CoP_{MAD}) were smoothed using a Simple Moving Average (SMA), in which the value on each trial was mean-averaged with the values from the preceding N trials. For the data presented in the main manuscript, N was fixed at 2. However, as shown in **Fig S1**, other values yielded qualitatively similar results/conclusions.

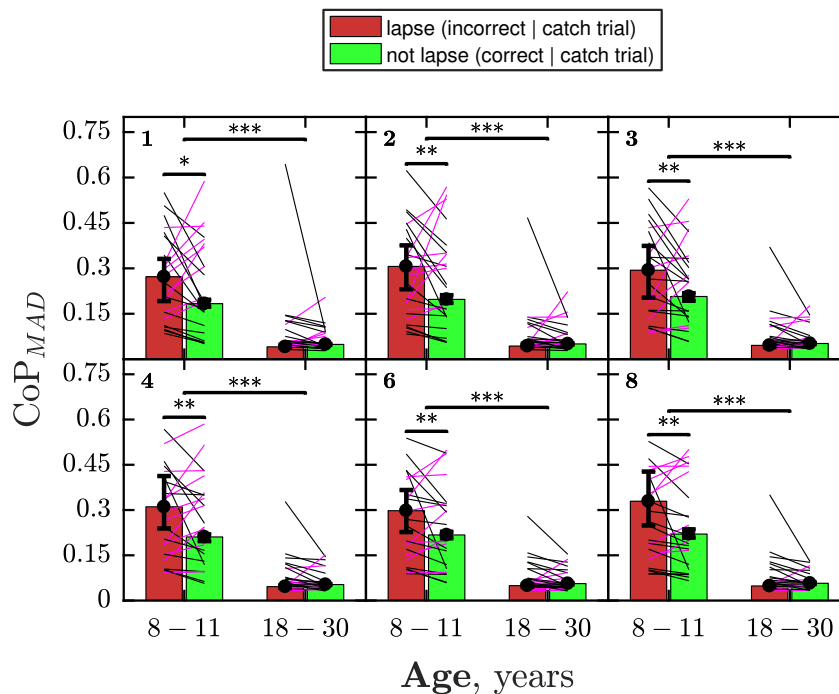


Fig S1. Median $[\pm CI_{95\%}]$ Postural Instability across trials (CoP_{MAD}), presented in the same format as Figure 3 in the main manuscript. Each panel represents a different smoothing parameter (N), as shown in the top-left of each panel.