

## Response inhibition on the stop signal task improves during cardiac contraction

### SUPPLEMENTARY INFORMATION

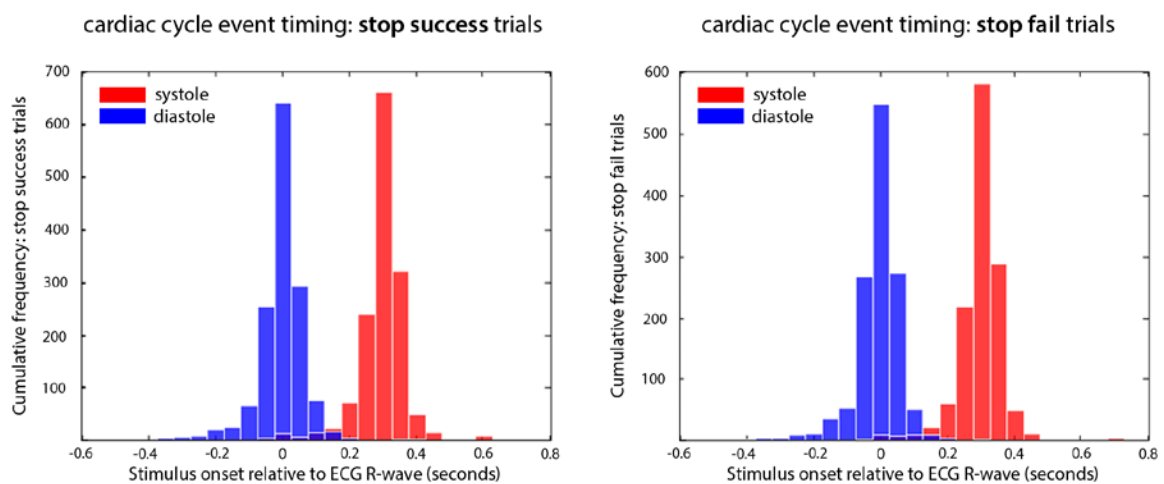
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**Supplementary Fig. 1 Cardiac cycle event timing on stop trials.** Left: stop success (response withheld) trials; right: stop fail (button pressed) trials. Trial event timing within the cardiac cycle shown relative to the R-wave peak, in 50ms time bins: for both stop success and stop fail trials, >90% of trials were within 200ms of the intended timing for diastole trials at 10ms prior to the R-wave, and for systole trials at 290ms following R-wave. Dark blue indicates overlap of diastole and systole trial timings (minimal for trials of both stop outcomes).