

**Hierarchical cognitive control deficits following damage to the human frontal lobe**

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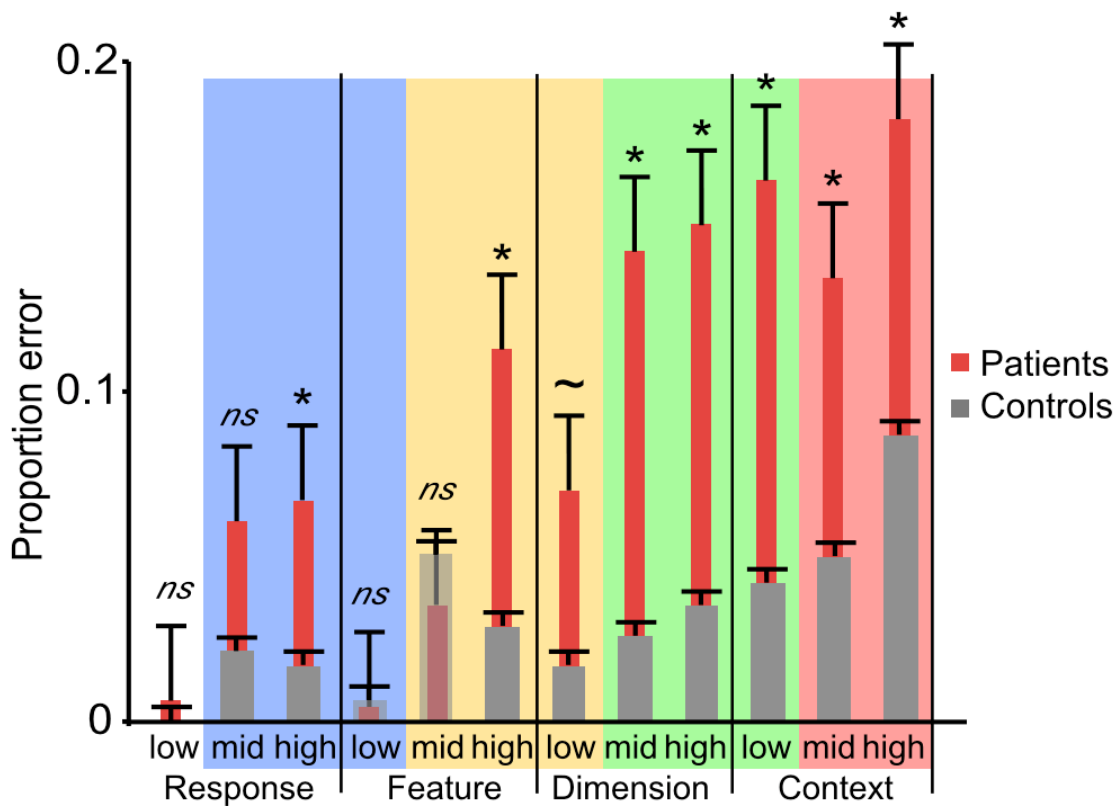
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SUPPLEMENTARY MATERIALS

**Supplementary Figure 1.** Error rates for patients and controls across competition conditions of the four tasks. (\*  $p < .05$ ; ~  $p = .06$ ; error based are s.e.m.)



## Supplementary Table 1

Effects of deficit criterion (standard deviations [SD]) on  $p(D)$ ,  $p(D|L)$ , and  $p(D|H)$ 

<b>Deficit criterion (SD)</b>	<b><math>p(D)</math></b>	<b><math>p(D L)</math></b>	<b>Bayes Factor <math>p(D L)_{\text{odds}}/p(D)_{\text{odds}}</math></b>	<b><math>p(D H)</math></b>	<b>Bayes Factor <math>p(D H)_{\text{odds}}/p(D)_{\text{odds}}</math></b>
1.0	0.74	1.00	>100	0.71	0.86
1.5	0.72	0.98	15.10	0.74	1.08
2.0*	0.63	0.92	6.72	0.77	2.02
2.5	0.54	0.90	7.54	0.65	1.62

\* Criterion used for reported results.