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Blasi, Anna and Lloyd-Fox, Sarah and Elwell, Clare and Charman, T. and Murphy, D.G.M. and Johnson, Mark H. (2013) Reduced neural sensitivity to social stimuli in infants at risk for autism. *Proceedings of the Royal Society B: Biological Sciences* 280 (1758), ISSN 0962-8452.

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Supplementary Table 1: The results from the t-test (two-tailed) channel-by-channel analysis for the *low-risk* group. For each contrast the results for the channels with significantly greater increase in HbO₂ and/or decrease in HHb concentration are displayed. Please note that the degrees of freedom may vary across channels as individual infants may have invalid data in some channels.

<i>HbO₂ (uM)</i>				<i>HHb (uM)</i>			
Ch	<i>t</i>	<i>p</i>	<i>df</i>	Ch	<i>t</i>	<i>p</i>	<i>df</i>
Visual Social Condition > Baseline							
8	2.62	0.021	13				
10	3.93	0.002	14				
25	3.45	0.004	15				
Voice Condition > Non-Voice Condition							
21	2.42	0.015	14				
Non-Voice Condition > Voice Condition							
				9	3.16	0.006	15
				12	2.35	0.034	14

Supplementary Table 2: The results from the t-test (two-tailed) channel-by-channel analysis for the *high-risk* group. For each contrast the results for the channels with significantly greater increase in HbO₂ and/or decrease in HHb concentration are displayed. Please note that the degrees of freedom may vary across channels as individual infants may have invalid data in some channels.

<i>HbO₂ (uM)</i>				<i>HHb (uM)</i>			
Ch	<i>t</i>	<i>p</i>	<i>df</i>	Ch	<i>t</i>	<i>p</i>	<i>df</i>
Visual Social Condition > Baseline							
25	3.12	0.006	17				
Non-Voice Condition > Voice Condition							
12	3.20	0.006	15	9	2.91	0.005	17
				23	2.90	0.005	15

Supplementary Figure 1: Grand averaged haemodynamic time courses for the visual social condition versus baseline for the following: (a) *Low-risk* group, channel 10; (b) *High-risk* group, channel 10; (c) *Low-risk* group, channel 25; and (d) *High-risk* group, channel 25. The change in HbO₂ concentration is plotted in red, and the change in HHb concentration in blue.



