## The Blind Exchange Hemispheric Synchrony for long-range Functional Connectivity in V1



Long-range functional connectivity is decreased

between V1 and the sensory cortices in the blind (Yu,

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Inter-hemisphere correlation is decreased in the blind





V1 Positional Index 3161 Angle (Minor Axis) Eccentricity (Major Axis) Difference Matrix **Difference Matrix** 3161 Norm. Axis Dist. 3161 3161 V1 Index V1 Index



Hemispheric Synchrony (HS) anti-correlates with Long-Range Functional Connectivity in the Blind



- connectivity of left striate with other sensory cortices
- This exchange of local for distant function connection may underly the altered, crossmodal functional properties of striate cortex in blindness

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