



**Supplementary Fig. 4. Neurovascular coupling. A.** Spinal cord: (*left*) photo with Left (red) and Right (blue) regions of interest (ROIs), (*right*) corresponding LSCI at seven timepoints that correspond to the plot in **B**. White dot, site of cord stimulator. **B.** Plot of SCBF quantified from Left ROI (red) and Right ROI (blue) vs. time. Black bar, period with stimulation on. Patient 35.