## Simulated BOLD Signal Time Series\nKey Brain Regions During Pain Processing Cerebelum Crus1 R Occipital Mid R Pain Onset 0.6 8.0 0.6 0.4 Activation Activation 0.4 0.2 0.2 0.0 0.0 -0.2 -0.2 10 10 6 8 6 Time (s) Time (s) Frontal Sup L ParaHippocampal L 0.2 -0.2 0.0 0.1 Activation 5.0-Activation 0.0 -0.4 -0.1 -0.6 -0.2 10 2 2 10 0 4 6 8 6 8 0 Time (s) Time (s) Precentral L Putamen R 0.2 0.2 -0.0 0.0 Activation -0.2 Activation 5.0--0.4 -0.4 -0.6 -0.6 10 10 2 2 0 4 6 8 0 6 Time (s) Time (s)