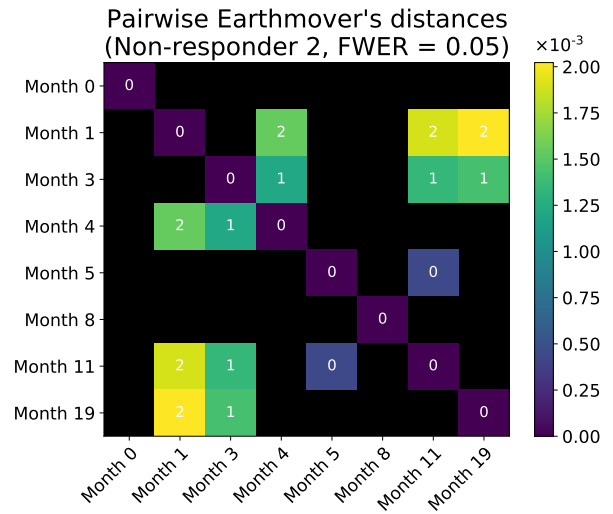
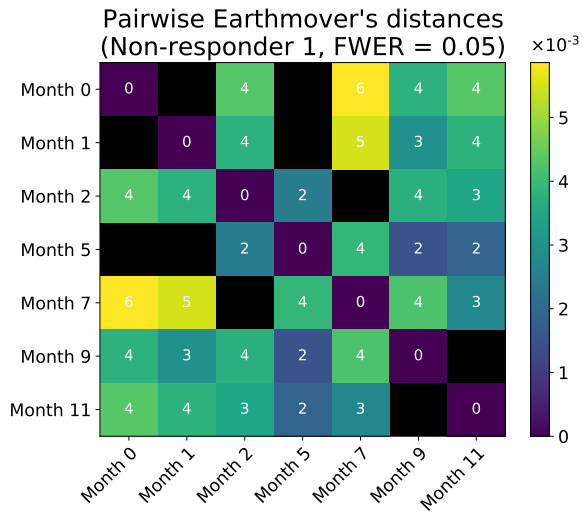
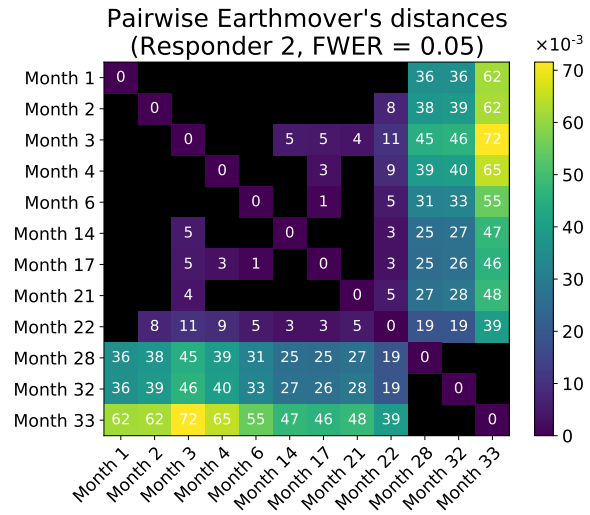
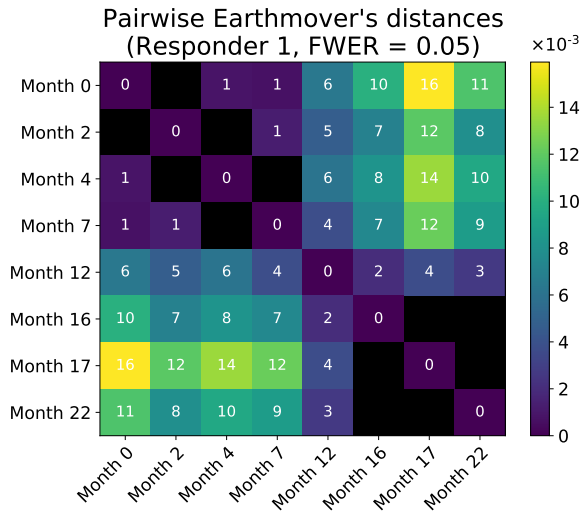


Indirect Frequency Modulation in Exemplar Responders and Non-responders



Each plot shows a quantification of indirect frequency modulation for a particular patient: each cell in the matrix represents the Earthmover's distance between two programming epochs (only cells that were significant at a family-wise error rate of 5% are depicted; the rest are shown in black). The plots show that responders have a sustained change in the frequency content of their seizures: this is evidenced by large values in two distinct off-diagonal blocks while diagonal blocks are close to zero, or insignificant. In contrast, non-responders show no clear structure, and distances are often small or statistically insignificant.