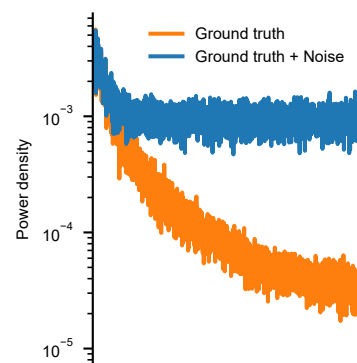
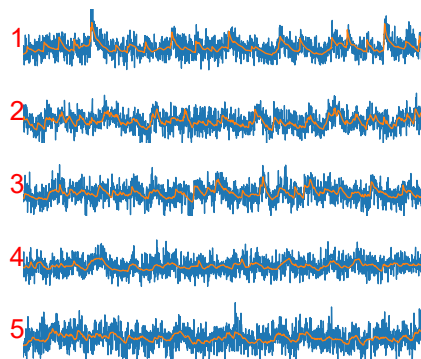
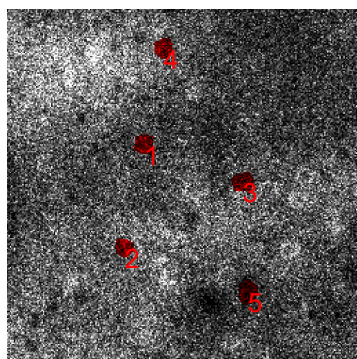
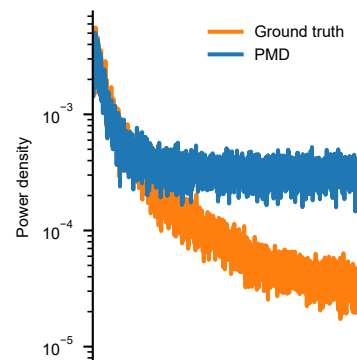
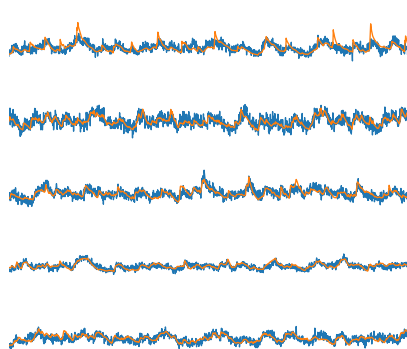
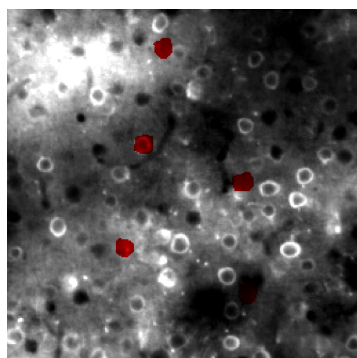


A

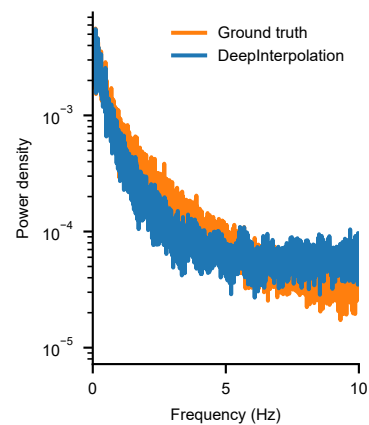
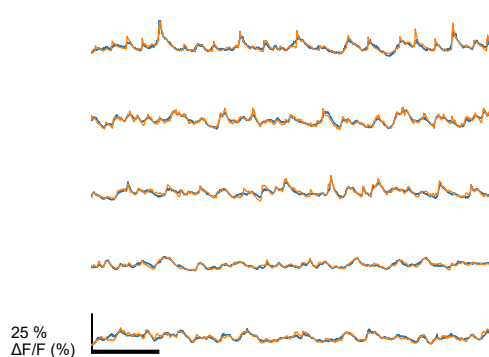
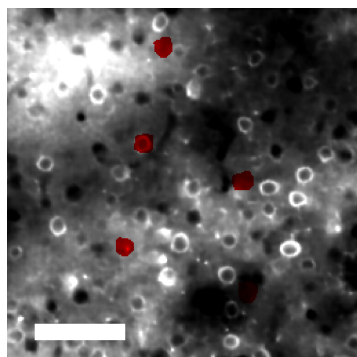
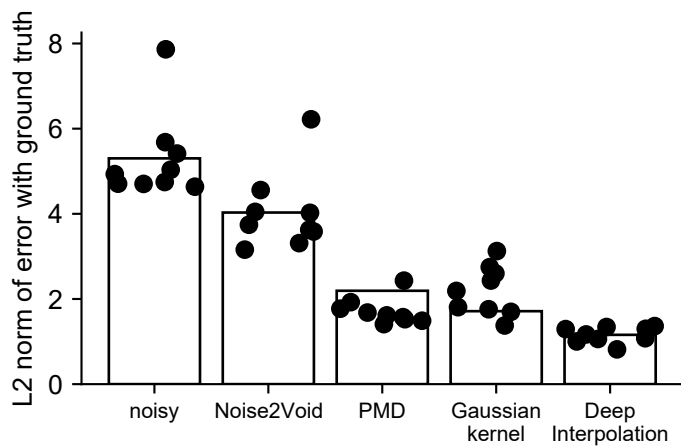
Simulated in vivo two-photon data

**B**

After Penalized-Matrix Decomposition (PMD)

**C**

After DeepInterpolation

**D****E**