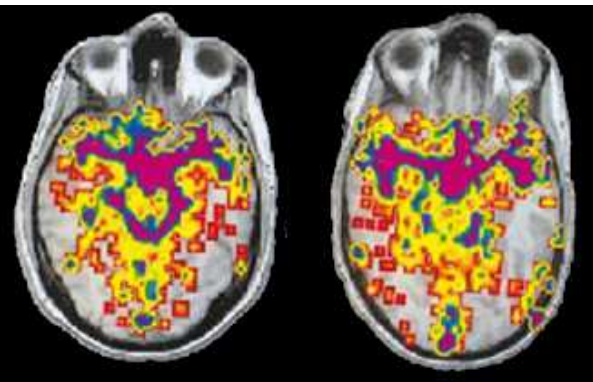
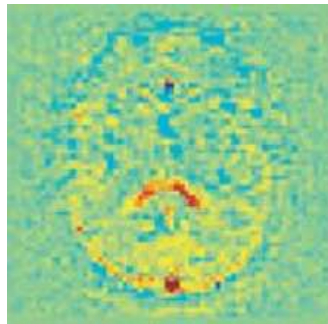


Many sources of space-time correlated noise fluctuations are corrupting fMRI time-series:



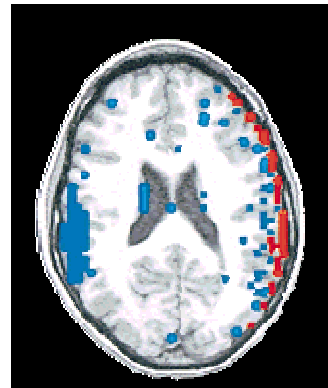
Cardiac fluctuations

Dagli et al. Neuroimage (1999)



Respiratory fluctuations

Raj et al. Phys. Med. Biol. (1999)



Residual motion

McKeown et al. HBM (1998)

1/f acquisition noise
space-time filtering
slice-timing correction
motion
motion correction

