

More Caveats

- “brain vs. vein” debate
 - source of signal affects spatial resolution
- scientists haven’t agreed on a single theory to explain the relationship between oxygen, glucose metabolism and blood flow
- no one really understands how neurons trigger increased blood flow
 - neural synchrony may be a factor
- fMRI measures the population activity
 - just because a subset of neurons within a voxel fire vigorously doesn’t mean the voxel will be active
- there is little agreement on whether/how the BOLD signal is affected by inhibition

