SPM data preprocessing pipeline

Data preprocessing pipeline:

functional Direct MNI-space normalization (intersubject coregistration)
structural Normalization preserving Grey/White/CSF masks (MNI space normalization of structural, applying same transformation to existing
functional Label current functional files as "mni-space functional data"

Define sequence of preprocessing steps

Add
Remove
Clear
Move up
Move down
Save
Load

Step 1/3: functional Direct MNI-space normalization (intersubject coregistration)

INPUT: mean functional volume (or first functional)
OUTPUT: normalized functional volumes

☑ First functional volume as reference

Process functional/structural data ▾

☑ Process all subjects

☑ Process all sessions

local processing (run on this computer) ▾

Start   Cancel

Linear regression of confounding effects:

Confounds

White Matter (0P)
CSF (0P)
Effect of rest (0P)

Band-pass filter (Hz):

[0 Inf]

After regression (RegBP)

Additional steps:

No detrending

No despiking