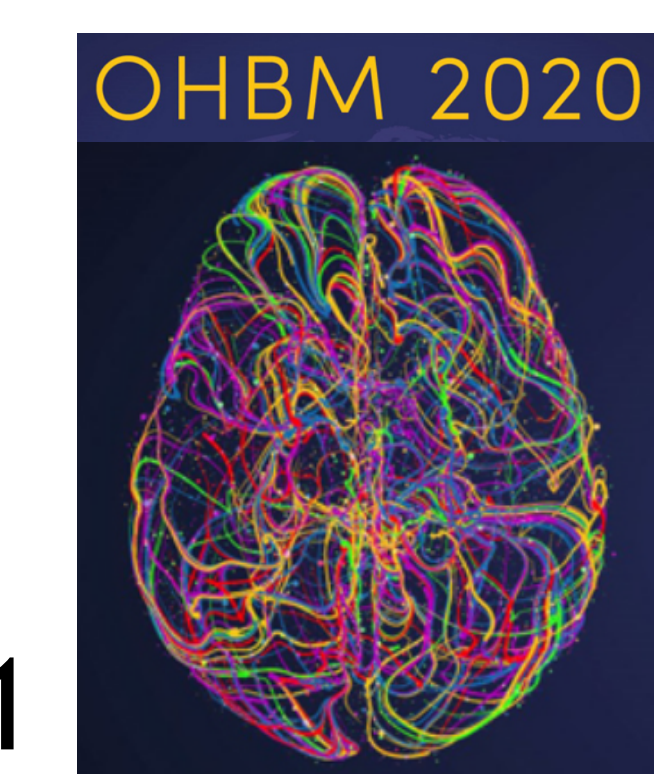


More FMRI QC in AFNI: updates for afni_proc.py's automatic HTML review

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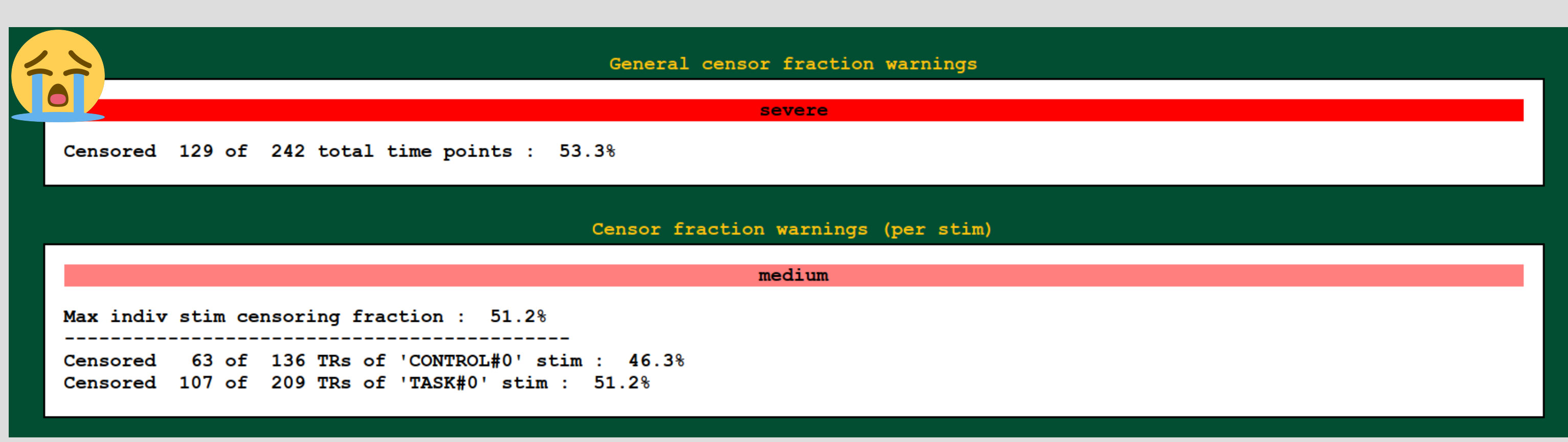
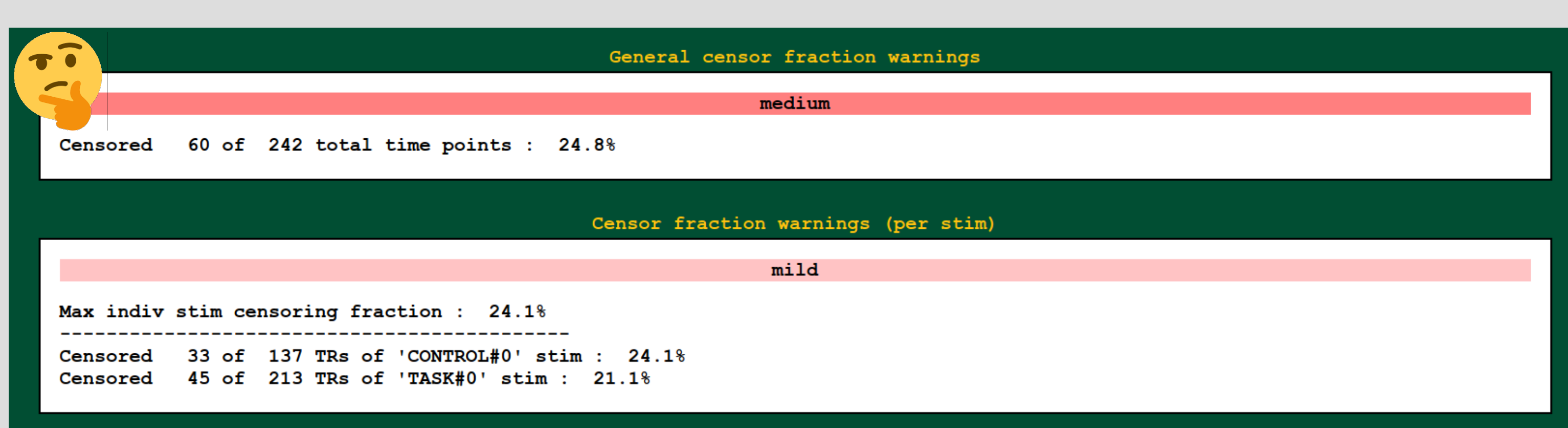
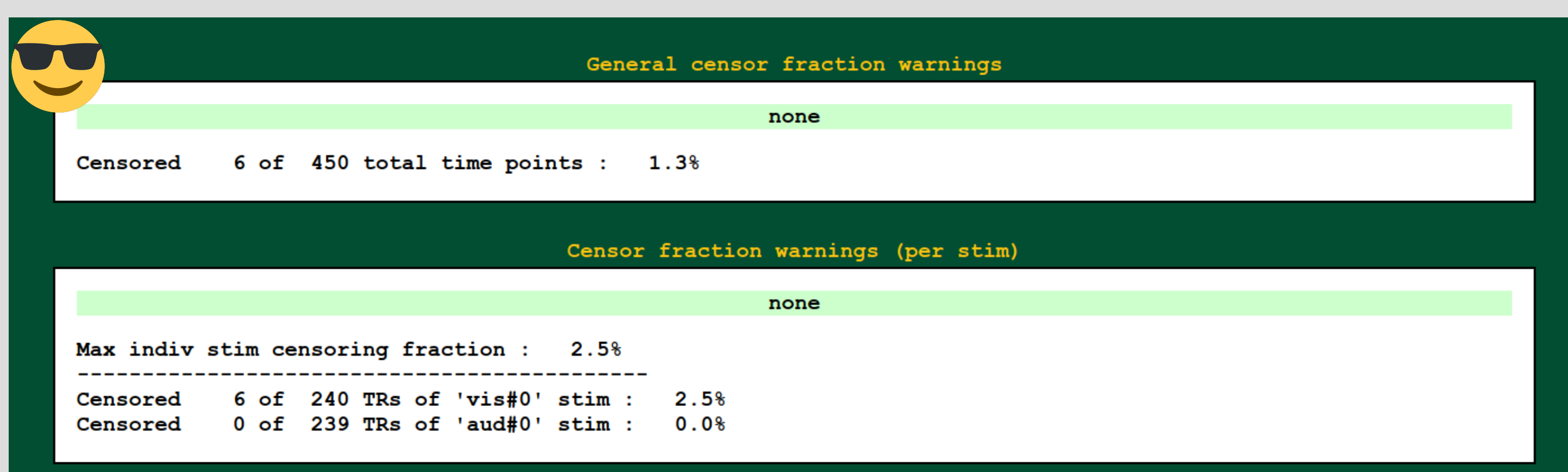


#2051

FMRI processing is hard. AFNI's¹ *afni_proc.py* makes QC easier. Here are new features in the QC HTML.

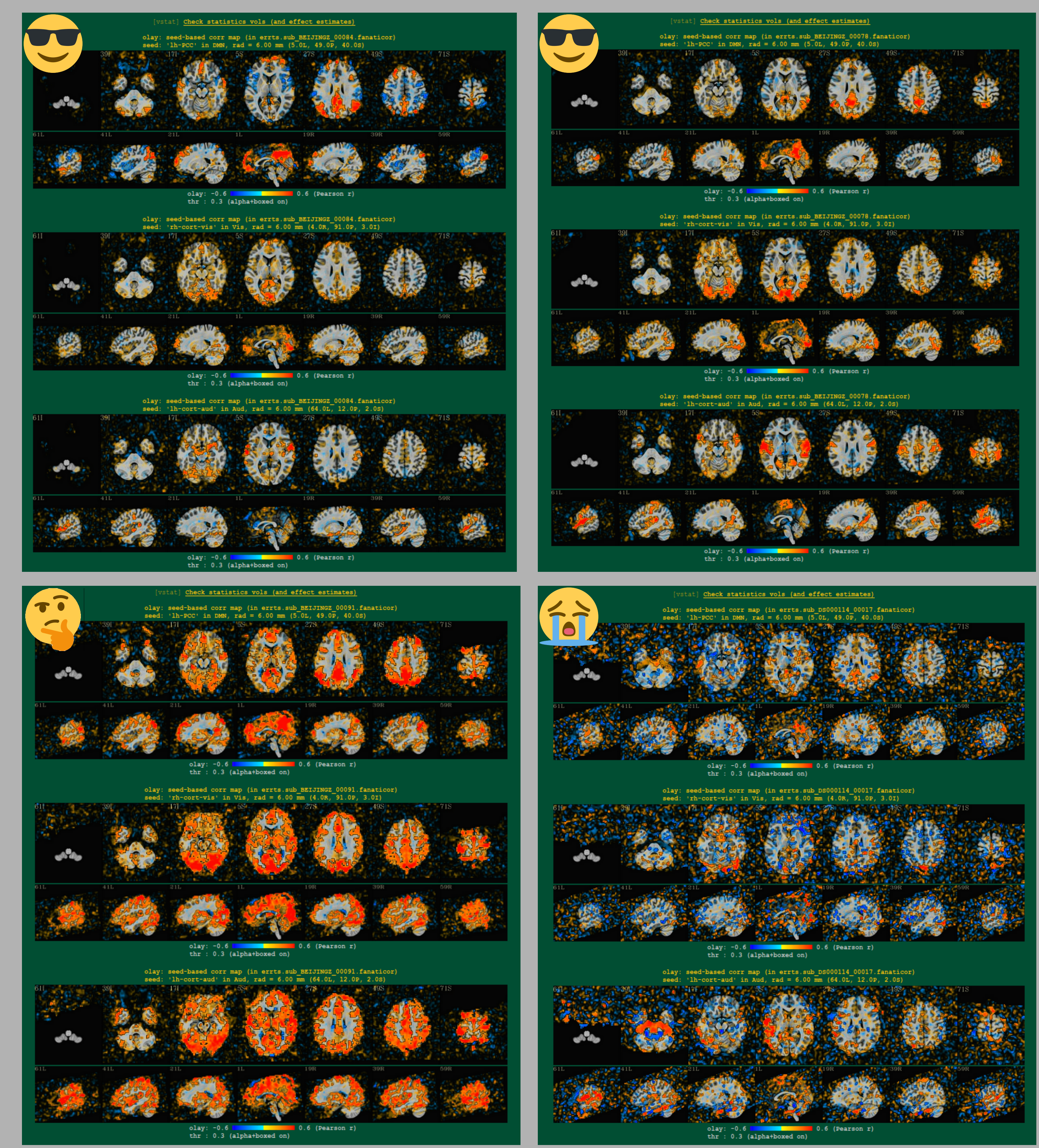
1) Check censoring both overall and per stimulus (for task-FMRI)

Motion censoring uses up degrees of freedom in data. Be careful to check overall, and for each stimulus type.



2) For resting state, check seed-based correlation of some major networks.

For known standard spaces, seeds for 3 networks are pre-loaded: visual, auditory, and default mode.



3) Check for left-right flips between EPI and anatomical volumes.

Surprisingly, this problem has been found in a lot of data² (in FCP, ABIDE, OpenFMRI,...). How can you be sure it isn't in yours? Check both quantitatively and visually!

