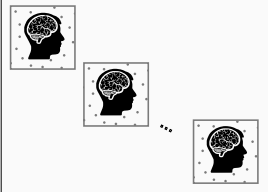
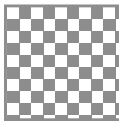


fMRIprep runs in reference environment

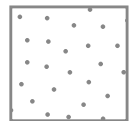


target
environment



- Variability mode
- fMRIprep dependencies
- Parallelism
- OS
- Architecture

reference
environment

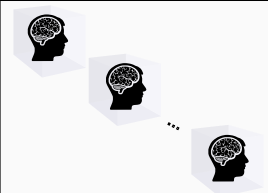


- Variability mode
- fMRIprep dependencies
- Parallelism
- OS
- Architecture

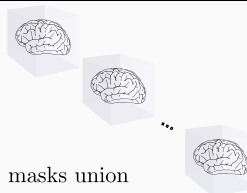
fMRIprep runs in target environment



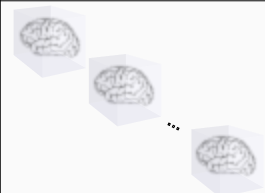
reference outputs T1



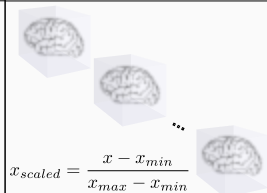
brain extraction



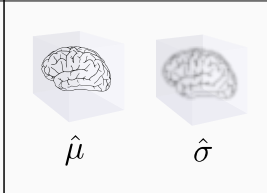
spatial smoothing



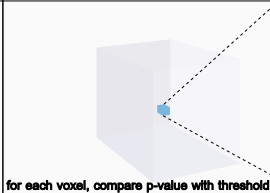
voxel intensity min-max normalization



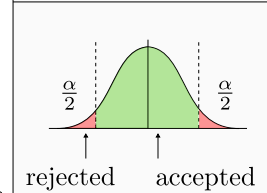
estimation of population parameters



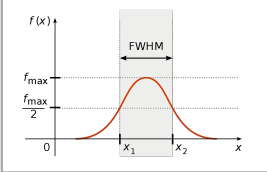
p-value (Z-stat)



α cut-off



Quantify by FWHM in mm (Σ)



test result

$$FP = \frac{\#rejected}{\#voxels} \leq FP_{max}$$

$$FP_{PCE} \leq \alpha$$

$$FP_{Bonferroni} \leq 0$$