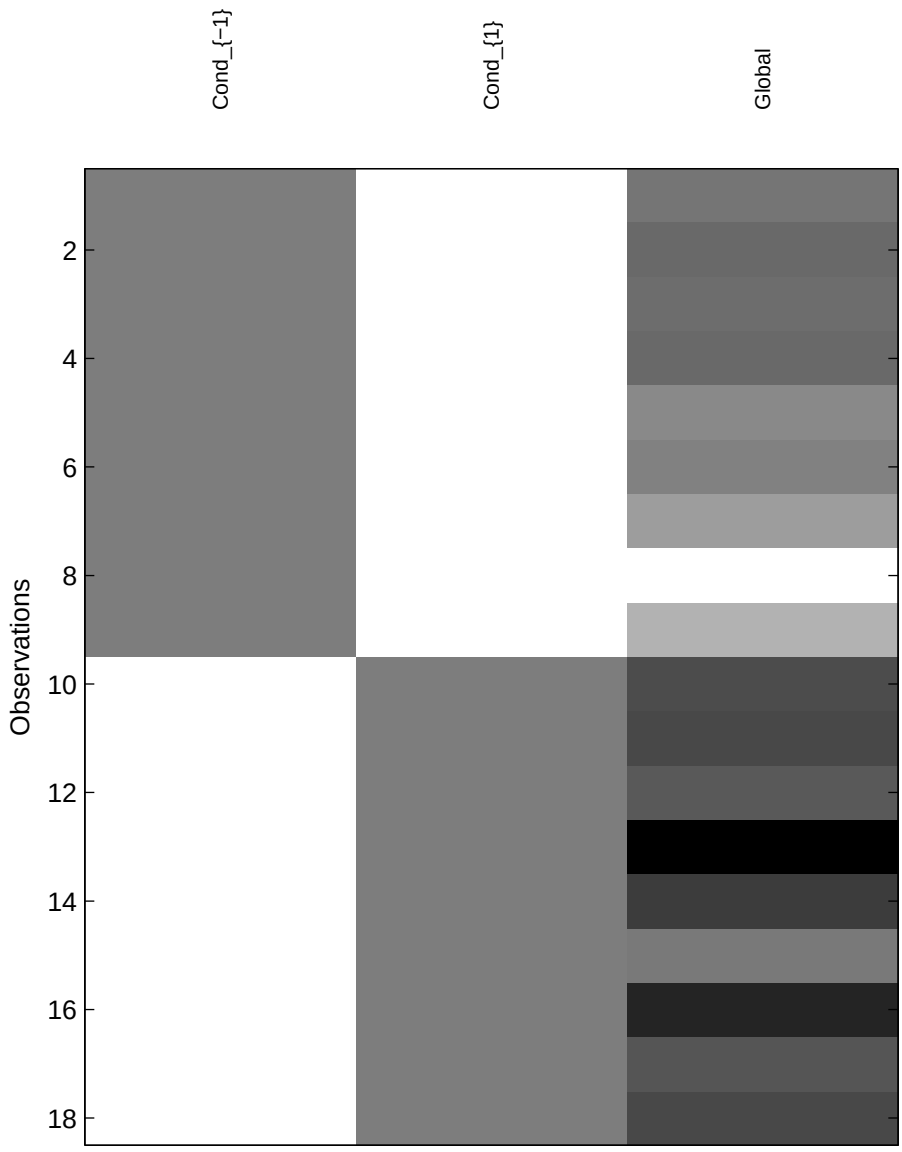
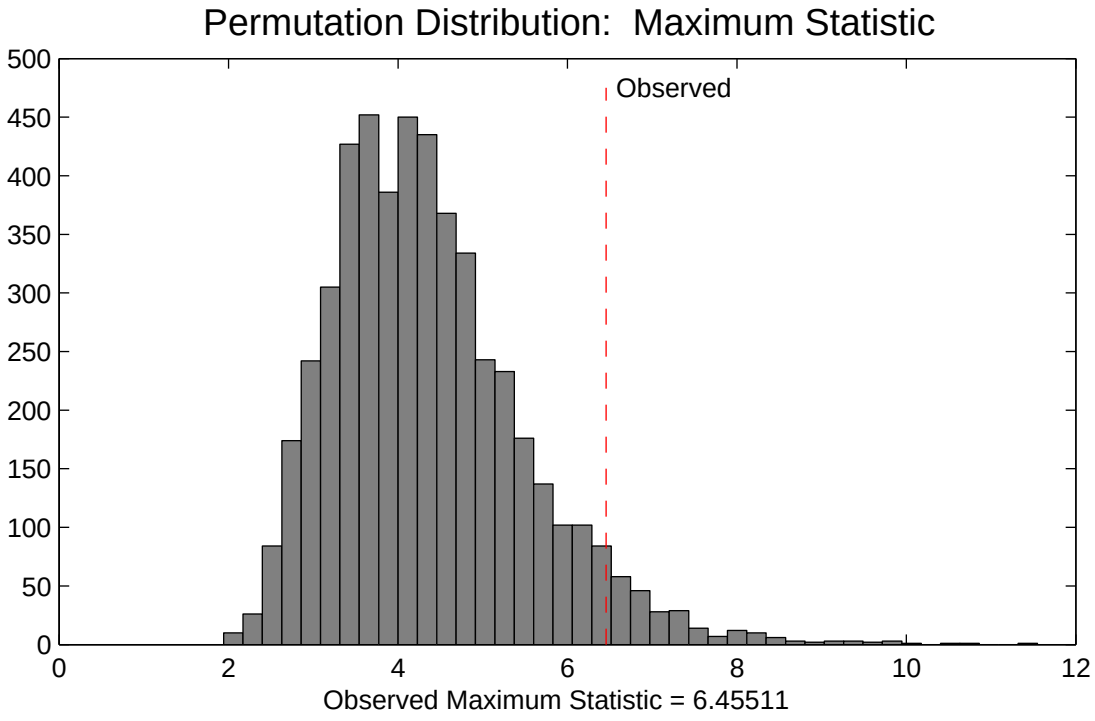
Design Matrix

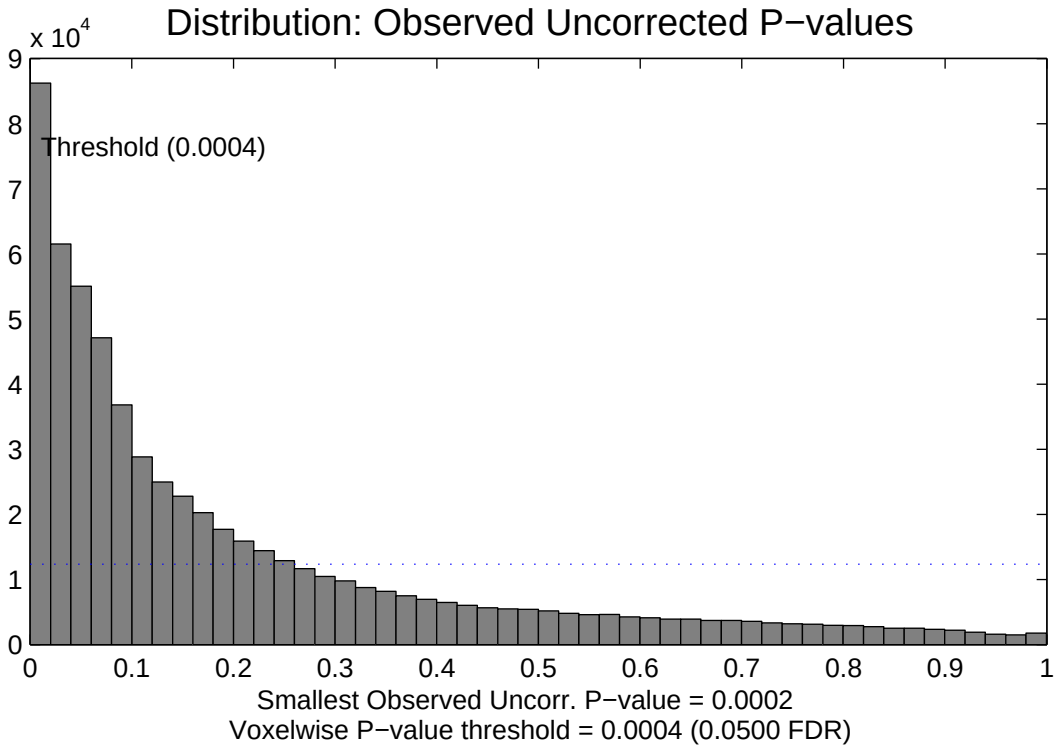


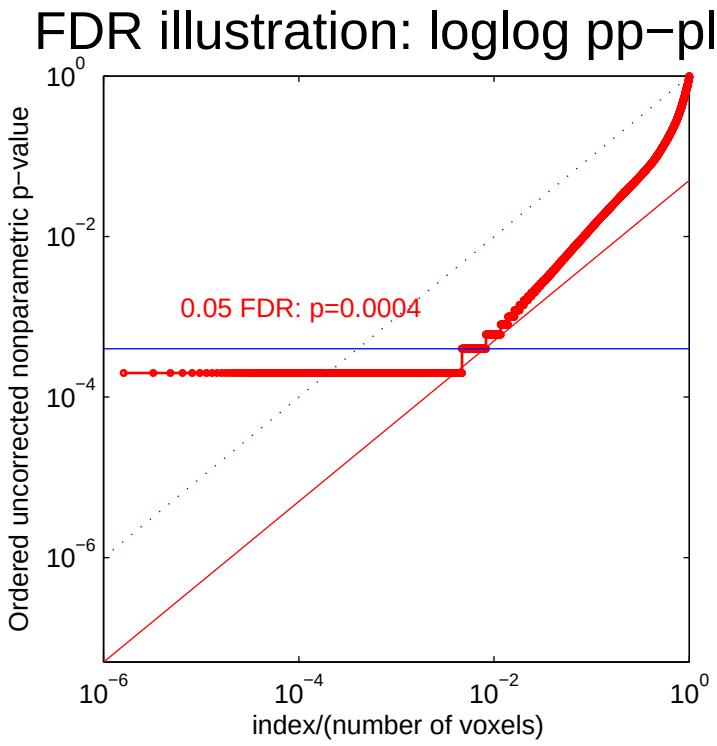
2 Groups: Two Sample T test; 1 scan per subject: 9(GrpA),9(GrpB)
SnPM design flie: snpm_pi_TwoSampT
5000 permutations of conditions, bhPerms=0
Global normalisation: AnCova
Threshold masking: Absolute (0.2)
Parameters:
2 Condition + 0 Covariate + 0 Block + 1 Confound
= 3 parameters, having 3 degrees of freedom, giving 15 residual df (18 scans).

Permutation Distributions

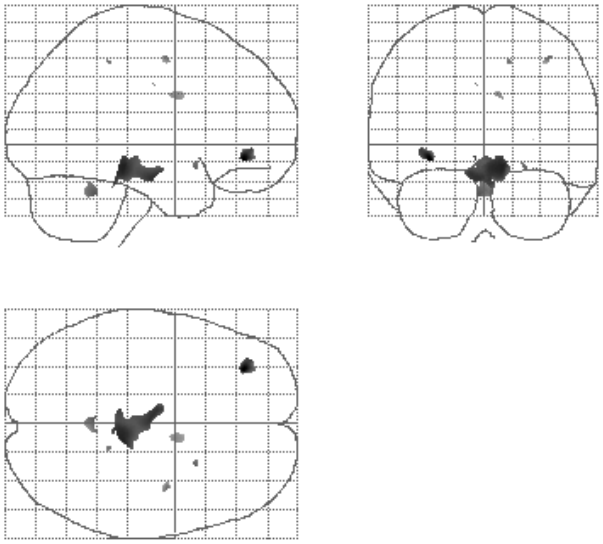


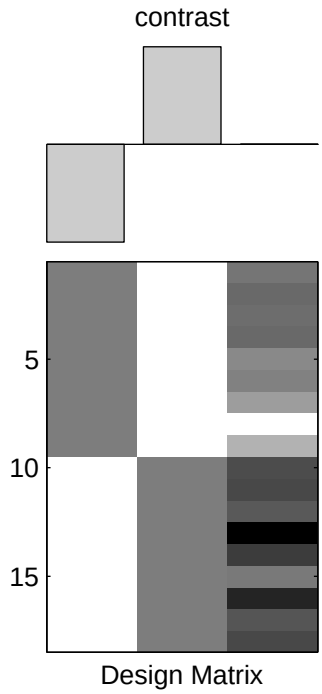
Uncorrected P Permutation Distributions





SnPM{T}





P values & statistics: ./SnPM_WM_con_TIV

cluster−level	voxel−level				x,y,z mm		
k	$p_{FWE-corr}$	$p_{FDR-corr}$	*T*	p_{uncorr}			
245	**0.0496**	**0.0427**	**6.46**	0.0002	**−32**	**41**	**−9**
2242	**0.1202**	**0.0427**	**5.70**	0.0002	**10**	**−31**	**−13**
	0.1586	0.0427	5.41	0.0002	−3	−14	−20
	0.1838	0.0427	5.28	0.0002	3	−35	−20
4	**0.2604**	**0.0427**	**4.92**	0.0002	**−5**	**−32**	**−9**
253	**0.3390**	**0.0427**	**4.65**	0.0002	**−3**	**−47**	**−29**
	0.4952	0.0427	4.21	0.0002	5	−46	−28
21	**0.4018**	**0.0427**	**4.46**	0.0002	**25**	**12**	**−14**
11	**0.4886**	**0.0427**	**4.23**	0.0002	**14**	**−39**	**49**
34	**0.4948**	**0.0427**	**4.21**	0.0002	**39**	**−5**	**52**
1	**0.5824**	**0.0427**	**3.99**	0.0002	**−4**	**−12**	**35**
1	**0.6238**	**0.0427**	**3.87**	0.0002	**−5**	**−13**	**36**
83	**0.7168**	**0.0427**	**3.62**	0.0002	**9**	**1**	**28**
1	**0.9724**	**0.0427**	**2.67**	0.0002	**29**	**−45**	**3**

Height threshold: Nonparam. P value alpha= 0.0004 (0.0500 FDR) Degrees of freedom = [1 15]
Design: 2 Groups: Two Sample T test; 1 scan per subject: 9(GrpA),9(GrpB)
Search vol: 617605 cmm, 617605 voxels
Perms: 5000 permutations of conditions, bhPerms=0 Voxel size: [1.00, 1.00, 1.00] mm