tone counting vs baseline

SPM *mip*
[0, 0, 0]

SPM{F $_{2,98}$ }

SPMresults: ./spm_f_test

Height threshold F = 7.418374 {p<0.001 (unc.)}

Extent threshold k = 0 voxels

contrast

Design matrix
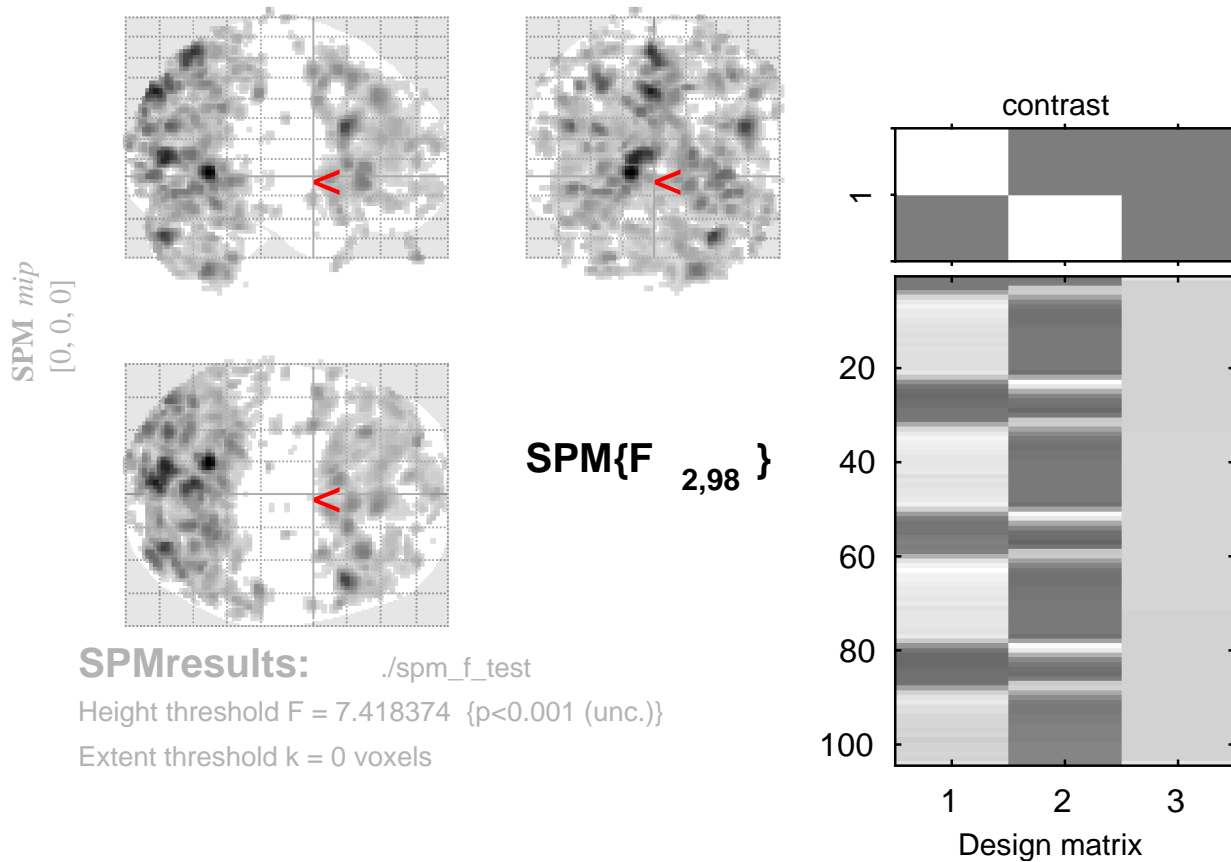
Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
p	c	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	k_E	p_{uncorr}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	F	$(Z_\equiv)$	p_{uncorr}			
0.000	160	0.000	0.000	10922	0.000	0.000	0.000	43.41	7.50	0.000	−14	−58	0
						0.000	0.000	37.89	7.09	0.000	−4	−86	42
						0.000	0.000	36.90	7.02	0.000	−12	−80	8
		0.000	0.000	915	0.000	0.000	0.000	31.69	6.58	0.000	46	16	24
						0.196	0.020	15.50	4.68	0.000	36	54	6
						0.426	0.038	14.09	4.45	0.000	32	40	16
		0.000	0.000	576	0.000	0.000	0.000	27.14	6.14	0.000	−46	−78	24
						0.000	0.000	25.68	5.99	0.000	−32	−90	22
						0.008	0.002	20.60	5.40	0.000	−18	−100	14
		0.000	0.000	535	0.000	0.000	0.000	24.83	5.89	0.000	20	−58	−50
						0.031	0.005	18.48	5.12	0.000	24	−48	−52
						0.273	0.025	14.92	4.59	0.000	8	−48	−52
		0.000	0.000	930	0.000	0.002	0.001	22.69	5.65	0.000	32	26	−6
						0.004	0.001	21.65	5.53	0.000	18	16	4
						0.006	0.002	20.86	5.43	0.000	30	24	4
		0.000	0.000	678	0.000	0.003	0.001	22.00	5.57	0.000	40	−62	50
						0.009	0.002	20.33	5.36	0.000	52	−30	42
						0.032	0.005	18.43	5.11	0.000	30	−66	50
		0.000	0.000	3677	0.000	0.006	0.002	21.06	5.45	0.000	−30	26	2
						0.006	0.002	20.99	5.44	0.000	8	32	38

table shows 3 local maxima more than 8.0mm apart

Height threshold: F = 7.42, p = 0.001 (1.000)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 5.049

Expected number of clusters, <c> = 47.08

FWEp: 17.712, FDRp: 13.480, FWEc: 75, FDRc: 48

Degrees of freedom = [2.0, 98.0]

FWHM = 8.2 8.1 7.9 mm mm mm; 4.1 4.0 4.0 {voxels}

Volume: 1784456 = 223057 voxels = 3155.8 resels

Voxel size: 2.0 2.0 2.0 mm mm mm; (resel = 65.58 voxels)

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