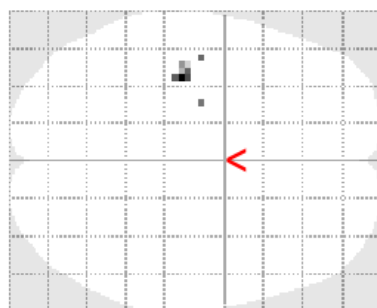
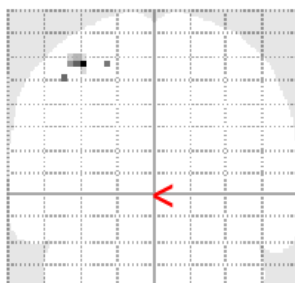
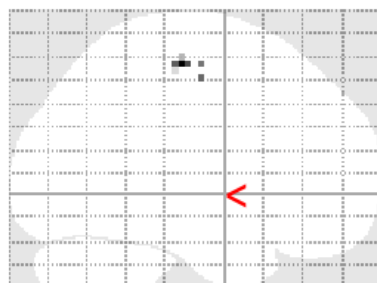


One-Sample T-Test

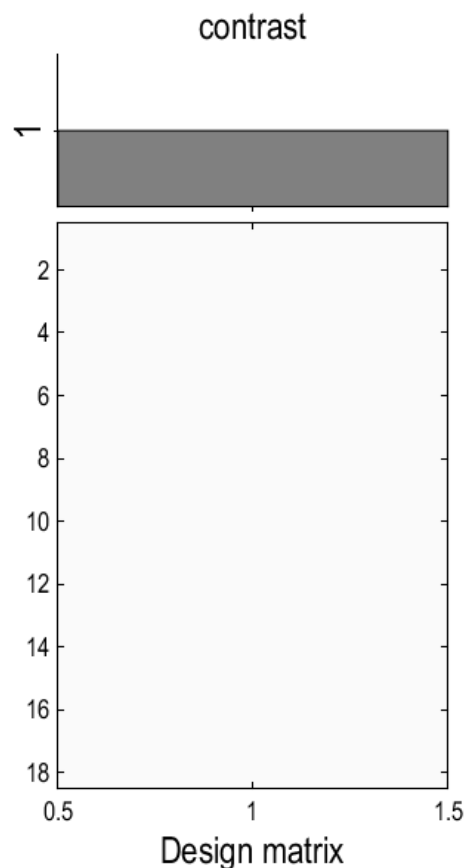
SPM_{mip}

$[-0.300003, 1.1, -1]$



SPM{T₁₇}

SPMresults: \dispersion_masked\rh_vs_both
Height threshold T = 5.912115 {p<0.05 (FWE)}
Extent threshold k = 0 voxels



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}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	3	0.000	0.019	10	0.006	0.008	0.470	6.97	4.73	0.000	-35	-22	56
		0.017	0.337	1	0.337	0.020	0.470	6.46	4.53	0.000	-44	-13	50
		0.017	0.337	1	0.337	0.022	0.470	6.40	4.51	0.000	-24	-13	56

table shows 3 local maxima more than 8.0mm apart

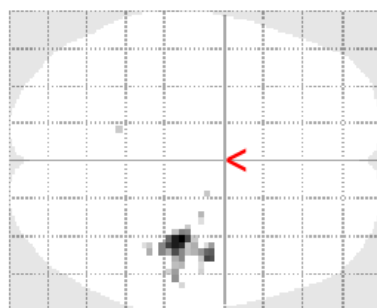
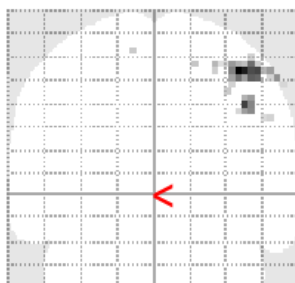
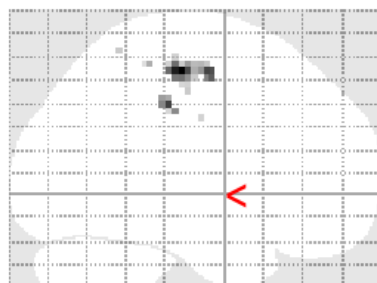
Height threshold: T = 5.91, p = 0.000 (0.050)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 1.174
Expected number of clusters, <c> = 0.05
FWEp: 5.912, FDRp: Inf, FWEc: 1, FDRc: 10

Degrees of freedom = [1.0, 17.0]
FWHM = 13.3 11.0 11.6 mm mm mm; 4.6 3.8 3.9 {voxels}
Volume: 168536 = 6680 voxels = 54.5 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 67.46 voxels)

One-Sample T-Test

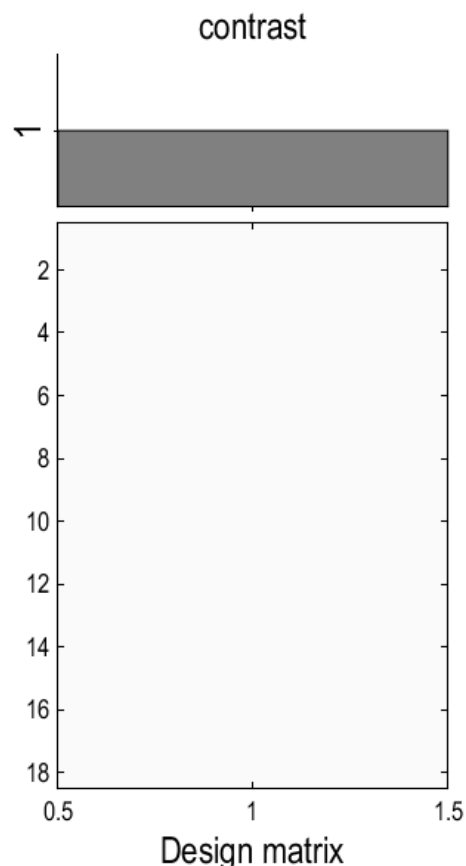
SPM_{mip}

[-0.300003, 1.1, -1]



SPM{T₁₇}

SPMresults: \dispersion_masked\lh_vs_both
Height threshold T = 5.868395 {p<0.05 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	8	0.000	0.000	66	0.000	0.001	0.300	8.40	5.21	0.000	37	-22	53
						0.003	0.318	7.56	4.94	0.000	46	-10	53
						0.012	0.650	6.72	4.63	0.000	55	-25	50
		0.000	0.036	10	0.009	0.002	0.318	7.64	4.97	0.000	40	-28	38
		0.006	0.241	3	0.121	0.022	0.830	6.41	4.51	0.000	43	-37	56
		0.006	0.241	3	0.121	0.025	0.830	6.33	4.48	0.000	26	-13	56
		0.018	0.362	1	0.362	0.031	0.830	6.18	4.42	0.000	17	-10	56
		0.018	0.362	1	0.362	0.034	0.830	6.13	4.39	0.000	-12	-51	62
		0.010	0.319	2	0.199	0.040	0.844	6.01	4.34	0.000	52	-13	32
		0.018	0.362	1	0.362	0.042	0.844	5.98	4.33	0.000	58	-22	47

table shows 3 local maxima more than 8.0mm apart

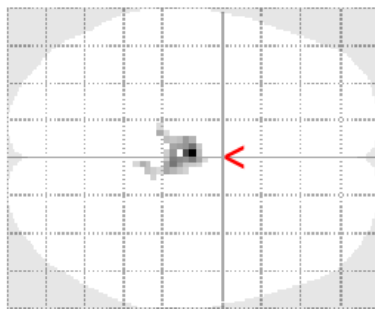
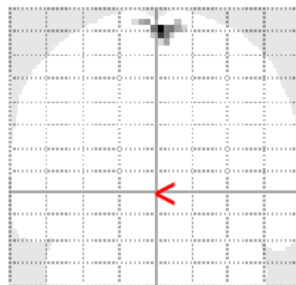
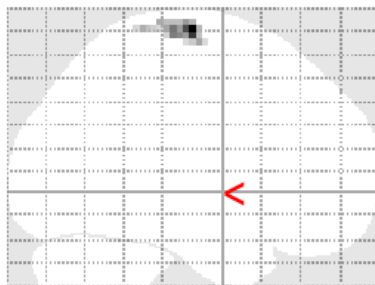
Height threshold: T = 5.87, p = 0.000 (0.050)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 1.297
Expected number of clusters, <c> = 0.05
FWEp: 5.868, FDRp: Inf, FWEc: 1, FDRc: 10

Degrees of freedom = [1.0, 17.0]
FWHM = 13.1 12.4 11.3 mm mm mm; 4.5 4.3 3.8 {voxels}
Volume: 168536 = 6680 voxels = 50.5 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 72.89 voxels)

One-Sample T-Test

SPMnip

[-0.300003, 1.1, -1]

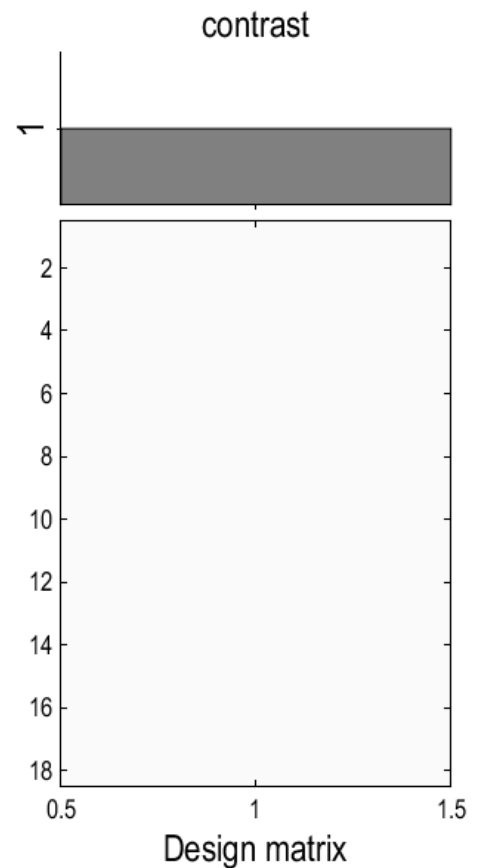


SPM{T₁₇}

SPMresults:\feet_vs_both

Height threshold T = 5.928363 {p<0.05 (FWE)}

Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

cluster-level				peak-level					mm mm mm		
$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	k_E	p_{uncorr}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	0.000	60	0.000	0.000	0.009	10.39	5.75	0.000	-0	-16	71
				0.001	0.099	7.97	5.08	0.000	5	-25	71
				0.008	0.220	6.96	4.72	0.000	-9	-31	74

table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 5.93, p = 0.000 (0.050)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 1.133

Expected number of clusters, <c> = 0.05

FWEp: 5.928, FDRp: 10.393, FWEc: 60, FDRc: 60

Degrees of freedom = [1.0, 17.0]

FWHM = 15.1 13.4 8.1 mm mm mm; 5.2 4.6 2.7 {voxels}

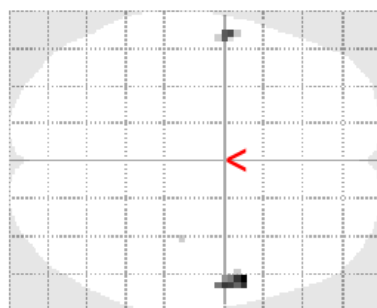
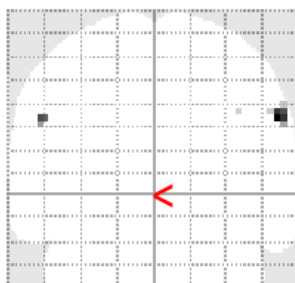
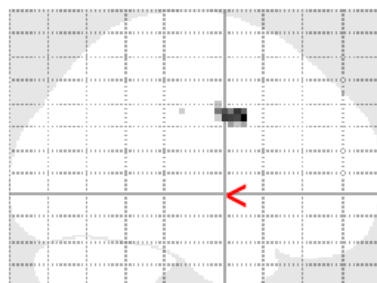
Volume: 168536 = 6680 voxels = 56.0 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 65.66 voxels)

One-Sample T-Test

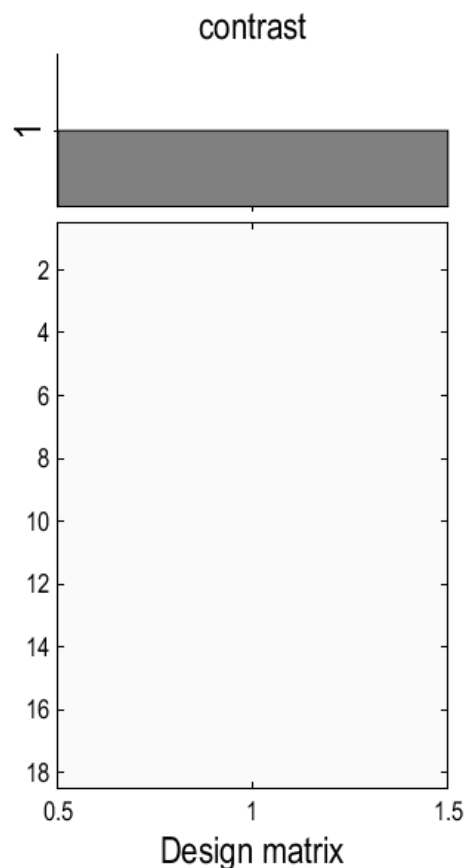
SPM_{mip}

[-0.300003, 1.1, -1]



SPM{T₁₇}

SPMresults: \tongue_vs_dispersion
Height threshold T = 5.978182 {p<0.05 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	3	0.000	0.000	17	0.000	0.002	0.282	7.59	4.95	0.000	55	7	32
						0.006	0.282	7.14	4.79	0.000	58	-2	32
		0.000	0.010	7	0.007	0.007	0.282	7.00	4.74	0.000	-55	1	32
		0.015	0.255	1	0.255	0.039	0.817	6.11	4.39	0.000	37	-22	35

table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 5.98, p = 0.000 (0.050)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 0.834

Expected number of clusters, <c> = 0.06

FWEp: 5.978, FDRp: Inf, FWEc: 1, FDRc: 7

Degrees of freedom = [1.0, 17.0]

FWHM = 12.1 10.0 10.3 mm mm mm; 4.2 3.4 3.4 {voxels}

Volume: 168536 = 6680 voxels = 74.2 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 49.57 voxels)

One-Sample T-Test


$$[-0.300003, 1.1, -1]$$

SPMresults:\rh_vs_dispersion

Height threshold $T = 5.963693$ $\{p < 0.05 \text{ (FWE)}\}$

Extent threshold $k = 0$ voxels
$$\mathbf{SPM}\{\mathbf{T}_{17}\}$$

contrast

→

2

6

9

10

12

16

10

0

Design matrix

0.5

2

1.5

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}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	3	0.002	0.095	5	0.032	0.025	0.865	6.33	4.48	0.000	-35	-22	53
		0.016	0.308	1	0.308	0.026	0.865	6.31	4.47	0.000	-12	-2	53
		0.016	0.308	1	0.308	0.043	0.865	6.06	4.36	0.000	-38	-22	47

table shows 3 local maxima more than 8.0mm apart

Height threshold: $T = 5.96$, $p = 0.000$ (0.050)

Extent threshold: $k = 0$ voxels

Expected voxels per cluster, $\langle k \rangle = 1.038$

Expected number of clusters, $\langle c \rangle = 0.05$

FWEp: 5.964, FDRp: Inf, FWEc: 1, FDRc: Inf

Degrees of freedom = [1.0, 17.0]

FWHM = 13.0 10.7 11.1 mm mm mm; 4.5 3.7 3.7 {voxels}

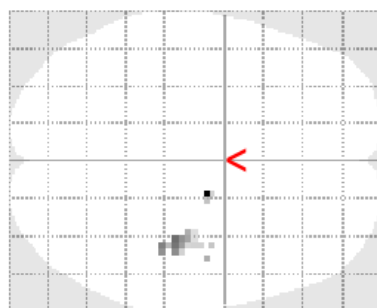
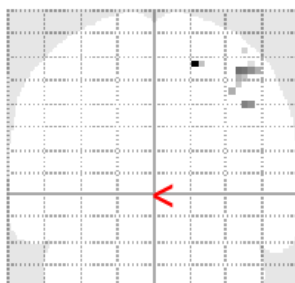
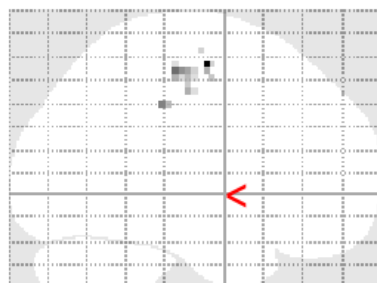
Volume: 168536 = 6680 voxels = 60.1 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 61.25 voxels)

One-Sample T-Test

SPM_{mip}

$[-0.300003, 1.1, -1]$

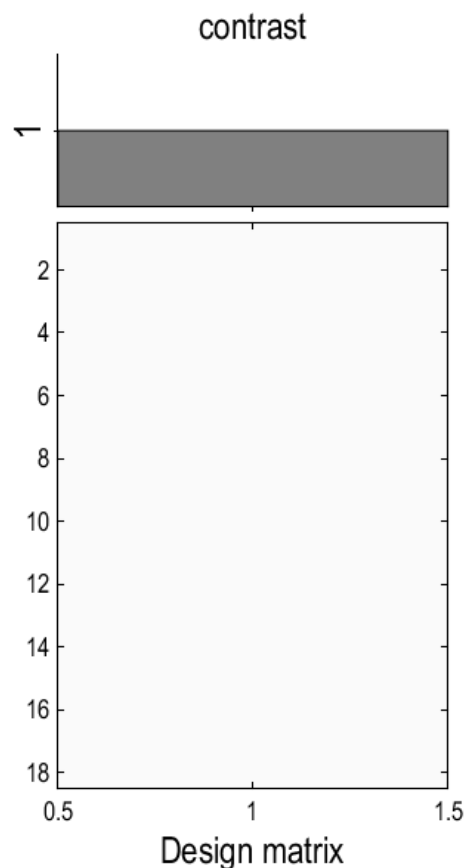


SPM{T₁₇}

SPMresults: \lh_vs_dispersion

Height threshold $T = 5.978182$ { $p < 0.05$ (FWE)}

Extent threshold $k = 0$ voxels



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}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	6	0.004	0.135	3	0.068	0.002	0.570	7.67	4.98	0.000	17	-10	56
		0.000	0.001	18	0.000	0.010	0.785	6.82	4.67	0.000	37	-25	53
						0.024	0.795	6.35	4.48	0.000	34	-19	44
		0.004	0.135	3	0.068	0.013	0.785	6.69	4.62	0.000	40	-31	38
		0.015	0.274	1	0.274	0.023	0.795	6.37	4.49	0.000	46	-10	53
		0.015	0.274	1	0.274	0.033	0.849	6.18	4.42	0.000	40	-8	50
		0.015	0.274	1	0.274	0.041	0.858	6.08	4.37	0.000	40	-13	62

table shows 3 local maxima more than 8.0mm apart

Height threshold: $T = 5.98$, $p = 0.000$ (0.050)

Extent threshold: $k = 0$ voxels

Expected voxels per cluster, $\langle k \rangle = 0.902$

Expected number of clusters, $\langle c \rangle = 0.06$

FWEp: 5.978, FDRp: Inf, FWEc: 1, FDRc: 18

Degrees of freedom = [1.0, 17.0]

FWHM = 11.7 11.1 10.4 mm mm mm; 4.0 3.8 3.5 {voxels}

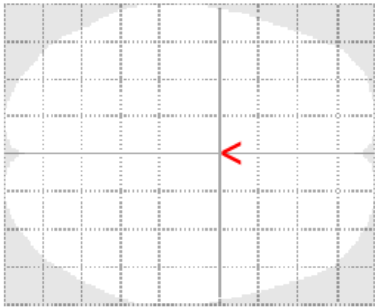
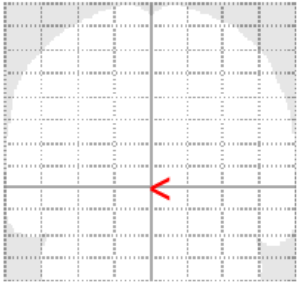
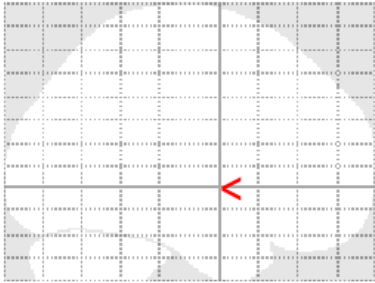
Volume: 168536 = 6680 voxels = 68.6 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 53.62 voxels)

One-Sample T-Test

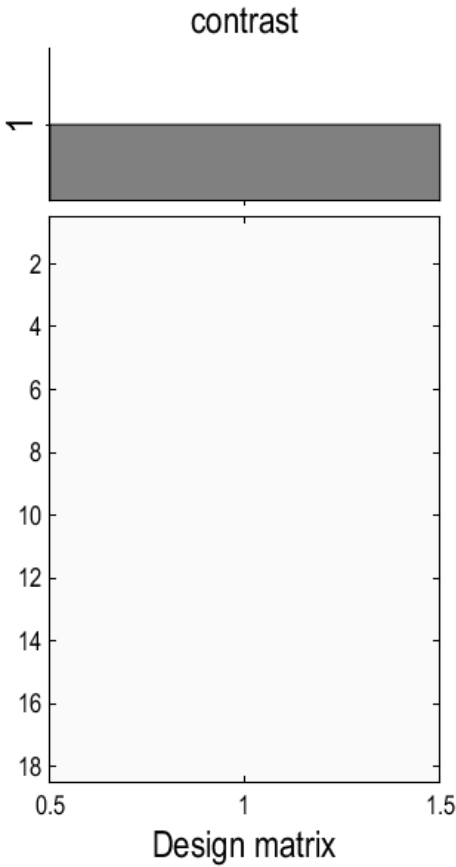
SPM_{mip}

$[-0.300003, 1.1, -1]$



SPM{T₁₇}

SPMresults: \feet_vs_dispersion
Height threshold T = 5.797729 {p<0.05 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			

no suprathreshold clusters

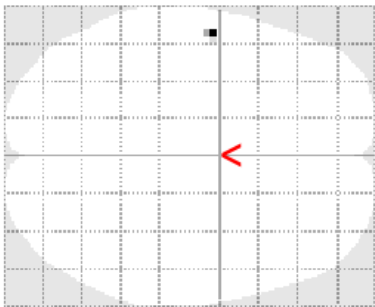
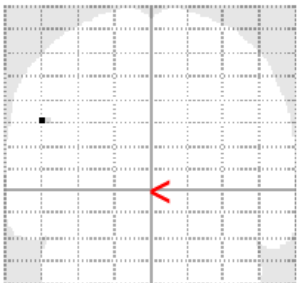
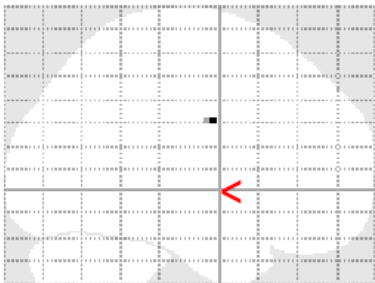
table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 5.80, p = 0.000 (0.050)	Degrees of freedom = [1.0, 17.0]
Extent threshold: k = 0 voxels	FWHM = 16.9 15.1 8.4 mm mm mm; 5.8 5.2 2.8 {voxels}
Expected voxels per cluster, <k> = 1.557	Volume: 168536 = 6680 voxels = 43.6 resels
Expected number of clusters, <c> = 0.05	Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 84.38 voxels)
FWEp: 5.798, FDRp: Inf, FWEc: Inf, FDRc: Inf	

One-Sample T-Test

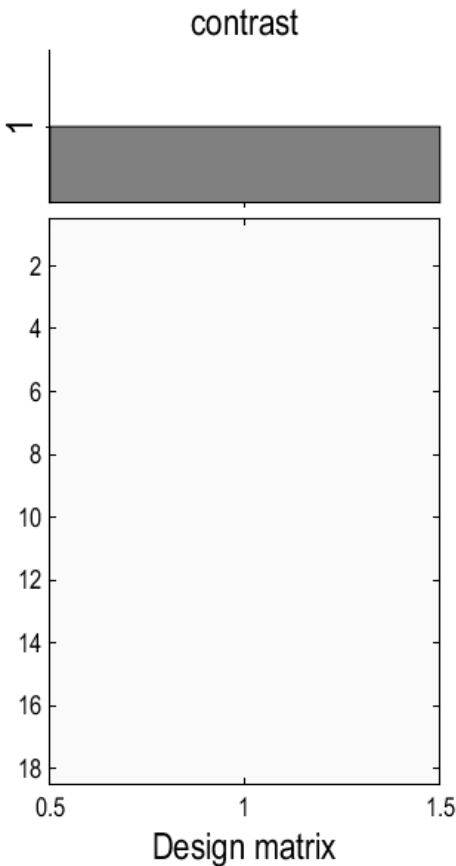
SPM_{mip}

$[-0.300003, 1.1, -1]$



SPM{T₁₇}

SPMresults: \tongue_vs_time
Height threshold T = 5.813598 {p<0.05 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

cluster-level				peak-level					mm mm mm		
$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	k_E	p_{uncorr}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.007	0.144	3	0.144	0.031	0.605	6.14	4.40	0.000	-53	-5	29

table shows 3 local maxima more than 8.0mm apart

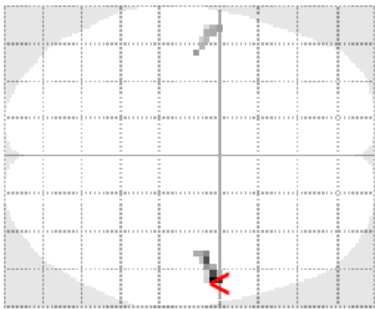
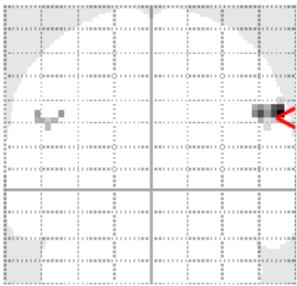
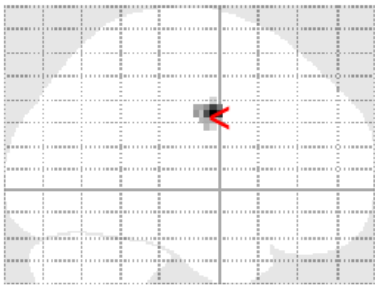
Height threshold: T = 5.81, p = 0.000 (0.050)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 1.481
Expected number of clusters, <c> = 0.05
FWEp: 5.814, FDRp: Inf, FWEc: 3, FDRc: Inf

Degrees of freedom = [1.0, 17.0]
FWHM = 14.2 12.8 11.3 mm mm mm; 4.9 4.4 3.8 {voxels}
Volume: 168536 = 6680 voxels = 45.5 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 80.92 voxels)

One-Sample T-Test

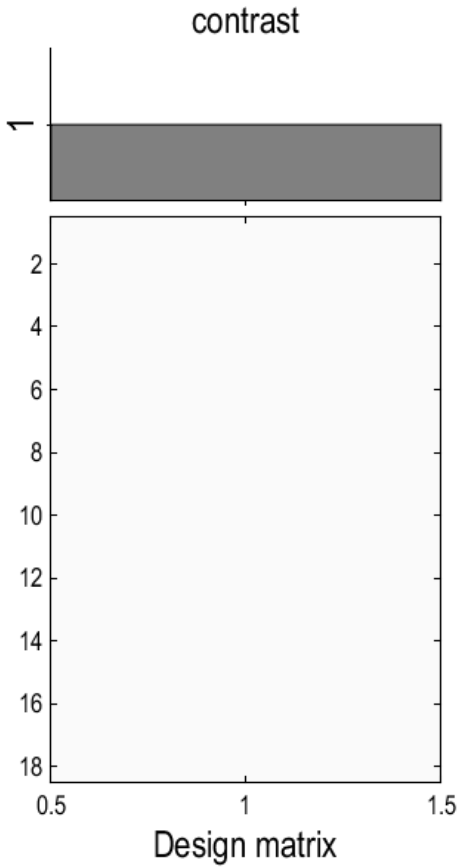
SPMnip

[57.7, -4.7, 32]



SPM{T₁₇}

SPMresults: \tongue_vs_rest
Height threshold T = 6.817795 {p<0.01 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	3	0.000	0.000	30	0.000	0.000	0.471	8.75	5.32	0.000	58	-5	32
						0.001	0.593	8.05	5.10	0.000	49	-8	32
		0.003	0.217	1	0.217	0.003	0.593	7.42	4.89	0.000	-44	-13	32
		0.000	0.003	8	0.002	0.004	0.593	7.38	4.88	0.000	-55	-2	32
						0.005	0.593	7.17	4.80	0.000	-47	-10	29

table shows 3 local maxima more than 8.0mm apart

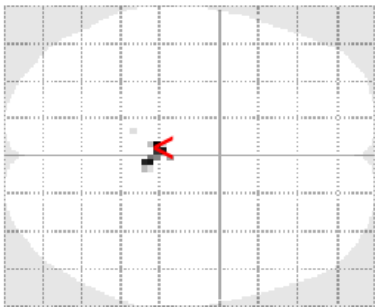
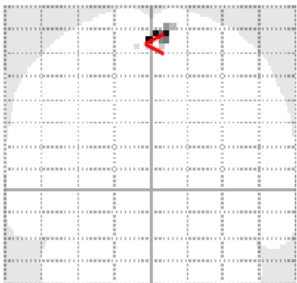
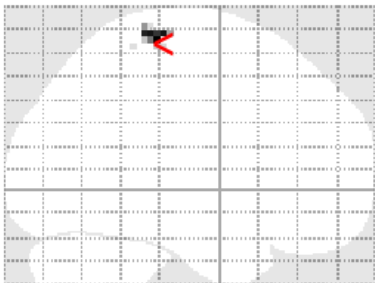
Height threshold: T = 6.82, p = 0.000 (0.010)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 0.705
Expected number of clusters, <c> = 0.01
FWEp: 5.953, FDRp: Inf, FWEc: 1, FDRc: 8

Degrees of freedom = [1.0, 17.0]
FWHM = 13.6 12.0 9.6 mm mm mm; 4.7 4.1 3.2 {voxels}
Volume: 168536 = 6680 voxels = 59.1 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 62.24 voxels)

One-Sample T-Test

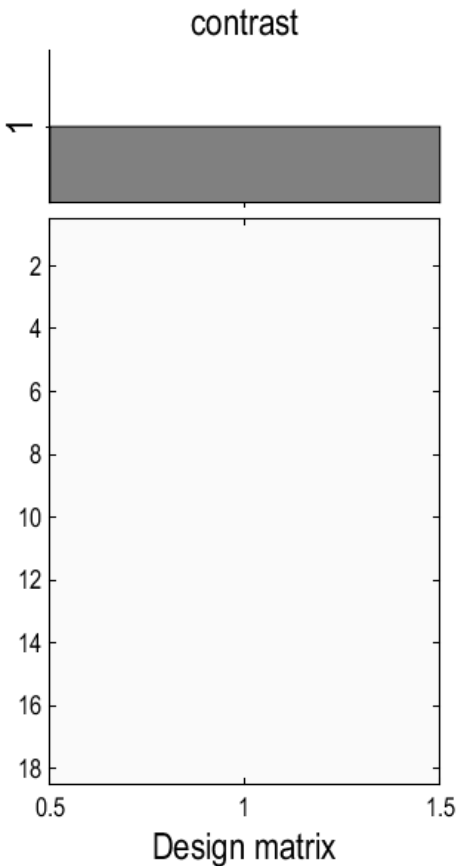
SPM_{mip}

[-3.2, -30.8, 65]



SPM{T₁₇}

SPMresults: \feet_vs_rest
Height threshold T = 6.817795 {p<0.01 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	2	0.000	0.000	19	0.000	0.000	0.087	9.02	5.39	0.000	-3	-31	65
						0.000	0.087	8.76	5.32	0.000	5	-34	68
		0.003	0.300	1	0.300	0.008	0.860	6.92	4.71	0.000	-9	-42	62

table shows 3 local maxima more than 8.0mm apart

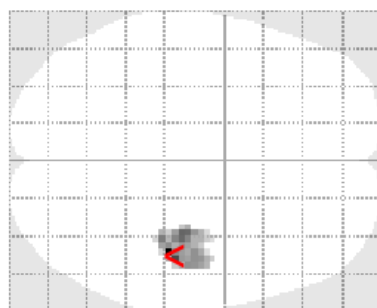
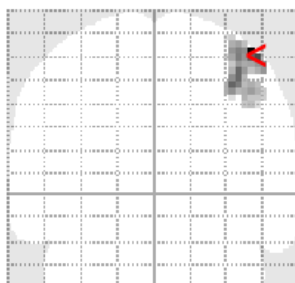
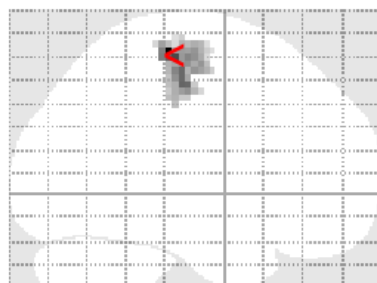
Height threshold: T = 6.82, p = 0.000 (0.010)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 1.008
Expected number of clusters, <c> = 0.01
FWEp: 5.769, FDRp: Inf, FWEc: 1, FDRc: 19

Degrees of freedom = [1.0, 17.0]
FWHM = 17.0 15.2 8.7 mm mm mm; 5.9 5.2 2.9 {voxels}
Volume: 168536 = 6680 voxels = 41.3 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 89.01 voxels)

One-Sample T-Test

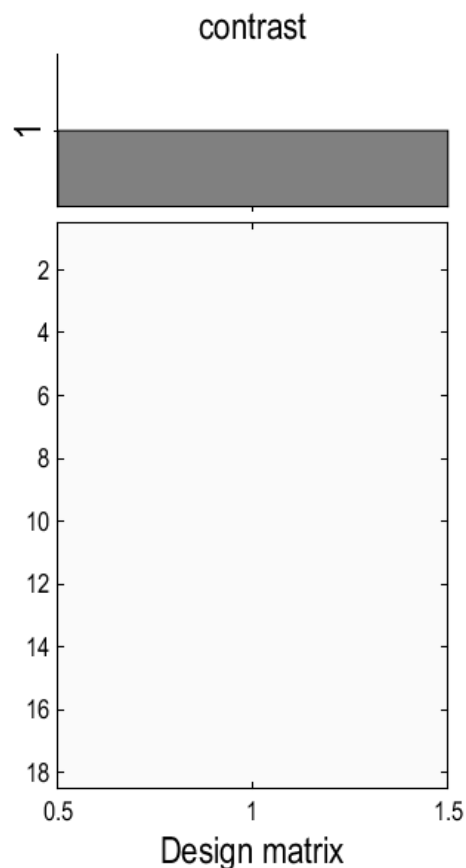
SPM_{mip}

[43.2, -27.9, 62]



SPM{T₁₇}

SPMresults: \dispersion_masked\lh_vs_rest
Height threshold T = 6.817795 {p<0.01 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

cluster-level				peak-level					mm mm mm		
$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	k_E	p_{uncorr}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	0.000	206	0.000	0.000	0.000	16.75	6.90	0.000	43	-28	62
				0.000	0.002	13.42	6.38	0.000	46	-25	59
				0.000	0.004	12.06	6.12	0.000	34	-22	47
				0.000	0.009	11.05	5.91	0.000	37	-31	59
				0.000	0.012	10.66	5.82	0.000	37	-19	59
				0.000	0.015	10.17	5.70	0.000	43	-16	59
				0.000	0.015	10.15	5.69	0.000	49	-19	56
				0.000	0.015	10.04	5.67	0.000	34	-16	62
				0.000	0.018	9.77	5.60	0.000	43	-22	44

table shows 16 local maxima more than 4.0mm apart

Height threshold: T = 6.82, p = 0.000 (0.010)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 0.751

Expected number of clusters, <c> = 0.01

FWEp: 5.919, FDRp: 9.772, FWEc: 206, FDRc: 206

Degrees of freedom = [1.0, 17.0]

FWHM = 13.7 12.5 9.7 mm mm mm; 4.7 4.3 3.2 {voxels}

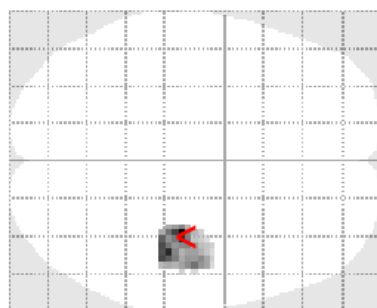
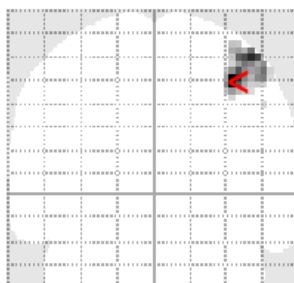
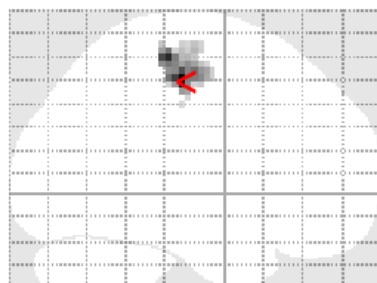
Volume: 168536 = 6680 voxels = 55.5 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 66.30 voxels)

One-Sample T-Test

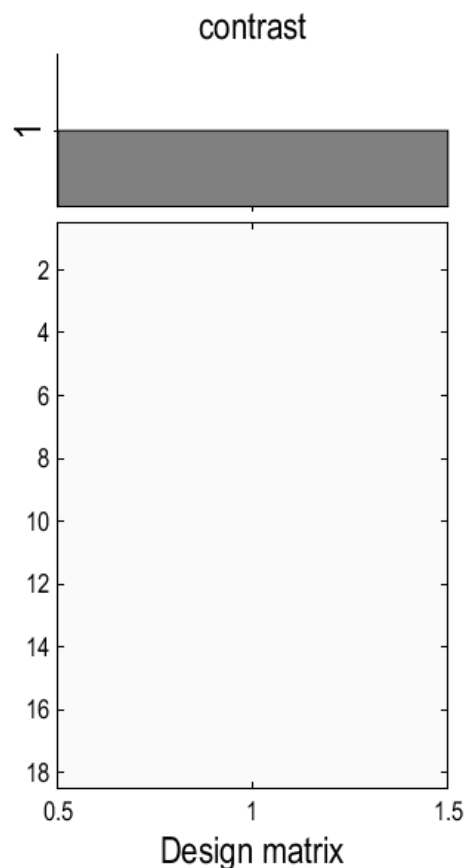
SPM_{mip}

[34.5, -22.1, 50]



SPM{T₁₇}

SPMresults: \dispersion_masked\lh_vs_rh
Height threshold T = 6.817795 {p<0.01 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	2	0.000	0.000	189	0.000	0.000	0.001	14.31	6.53	0.000	34	-22	50
						0.000	0.002	12.79	6.26	0.000	43	-28	59
						0.000	0.013	10.48	5.77	0.000	49	-16	53
		0.003	0.194	1	0.194	0.007	0.761	7.00	4.74	0.000	49	-22	38

table shows 3 local maxima more than 8.0mm apart

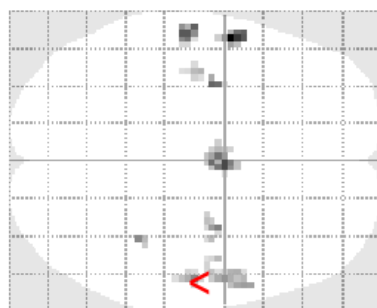
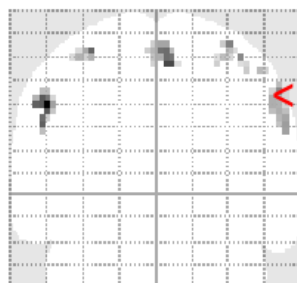
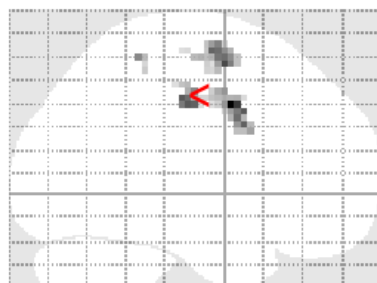
Height threshold: T = 6.82, p = 0.000 (0.010)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 0.634
Expected number of clusters, <c> = 0.02
FWEp: 5.978, FDRp: 10.483, FWEc: 1, FDRc: 189

Degrees of freedom = [1.0, 17.0]
FWHM = 12.1 10.7 10.9 mm mm mm; 4.2 3.7 3.6 {voxels}
Volume: 168536 = 6680 voxels = 65.7 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 55.95 voxels)

One-Sample T-Test

SPM_{mip}

[54.8, -16.3, 44]

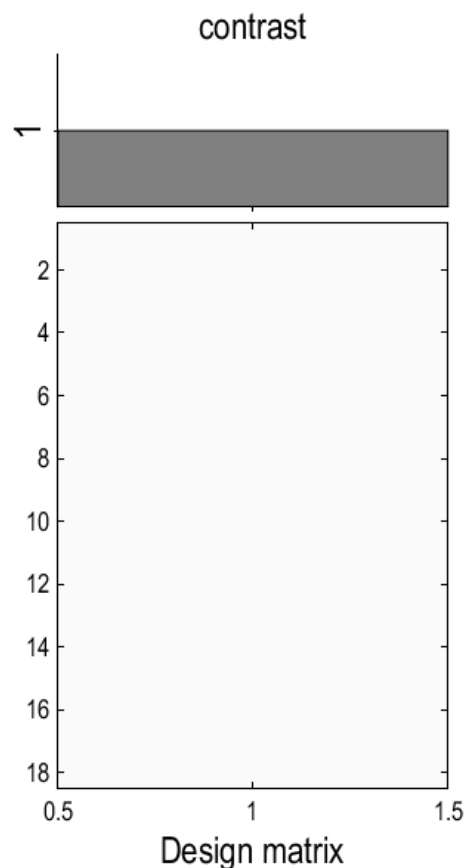


SPM{T₁₇}

SPMresults:\movement_all

Height threshold T = 6.817795 {p<0.01 (FWE)}

Extent threshold k = 2 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	10	0.000	0.000	19	0.000	0.000	0.032	12.17	6.14	0.000	-53	1	38
						0.000	0.101	9.81	5.61	0.000	-55	7	29
		0.000	0.000	45	0.000	0.000	0.101	10.35	5.74	0.000	3	-2	56
						0.000	0.112	9.50	5.53	0.000	3	-8	62
		0.000	0.000	21	0.000	0.000	0.101	9.93	5.64	0.000	-55	-19	38
		0.000	0.017	7	0.007	0.000	0.101	9.72	5.59	0.000	-32	-8	62
		0.000	0.004	11	0.001	0.000	0.166	9.06	5.41	0.000	32	-5	65
						0.002	0.440	7.64	4.97	0.000	29	-10	59
		0.000	0.061	4	0.032	0.000	0.184	8.81	5.34	0.000	37	-42	59
		0.000	0.000	52	0.000	0.000	0.184	8.79	5.33	0.000	55	-16	44
						0.000	0.230	8.54	5.25	0.000	55	-2	44
						0.001	0.248	8.35	5.20	0.000	58	7	29
		0.000	0.017	7	0.007	0.002	0.374	7.84	5.04	0.000	-38	-13	59
		0.000	0.061	4	0.032	0.002	0.413	7.72	4.99	0.000	46	-5	53
		0.001	0.100	3	0.059	0.003	0.451	7.58	4.95	0.000	37	-8	59

table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 6.82, p = 0.000 (0.010)

Extent threshold: k = 2 voxels, p = 0.115 (0.001)

Expected voxels per cluster, <k> = 0.838

Expected number of clusters, <c> = 0.00

FWEp: 5.861, FDRp: 12.166, FWEc: 1, FDRc: 7

Degrees of freedom = [1.0, 17.0]

FWHM = 14.1 12.9 10.3 mm mm mm; 4.9 4.5 3.4 {voxels}

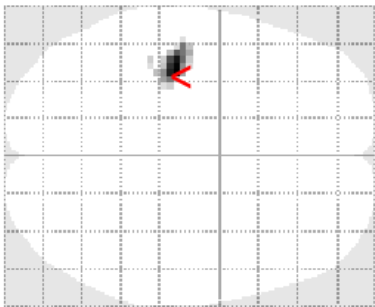
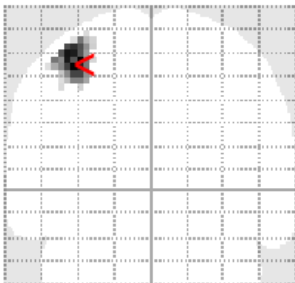
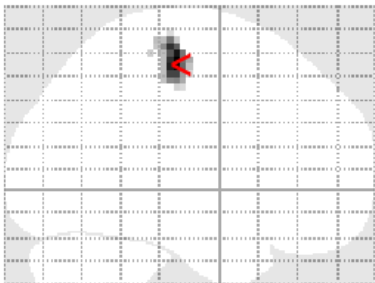
Volume: 168536 = 6680 voxels = 49.7 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 74.00 voxels)

One-Sample T-Test

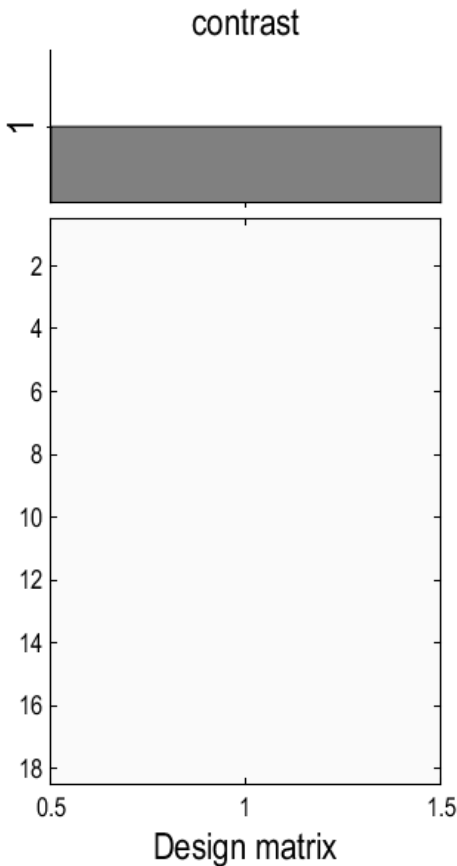
SPM_{mip}

[-35.1, -22.1, 56]



SPM{T₁₇}

SPMresults: \dispersion_masked\rh_vs_lh
Height threshold T = 6.817795 {p<0.01 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	2	0.000	0.000	119	0.000	0.000	0.001	14.05	6.49	0.000	-35	-22	56
		0.001	0.074	2	0.074	0.003	0.397	7.45	4.90	0.000	-41	-34	59

table shows 3 local maxima more than 8.0mm apart

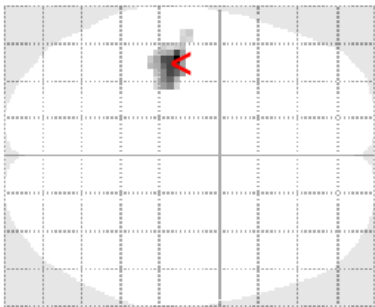
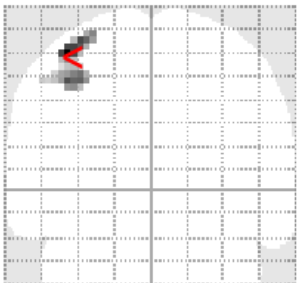
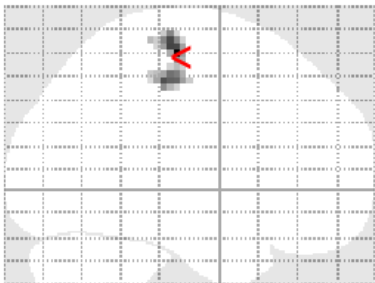
Height threshold: T = 6.82, p = 0.000 (0.010)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 0.634
Expected number of clusters, <c> = 0.02
FWEp: 5.978, FDRp: 13.175, FWEc: 2, FDRc: 119

Degrees of freedom = [1.0, 17.0]
FWHM = 12.1 10.7 10.9 mm mm mm; 4.2 3.7 3.6 {voxels}
Volume: 168536 = 6680 voxels = 65.7 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 55.95 voxels)

One-Sample T-Test

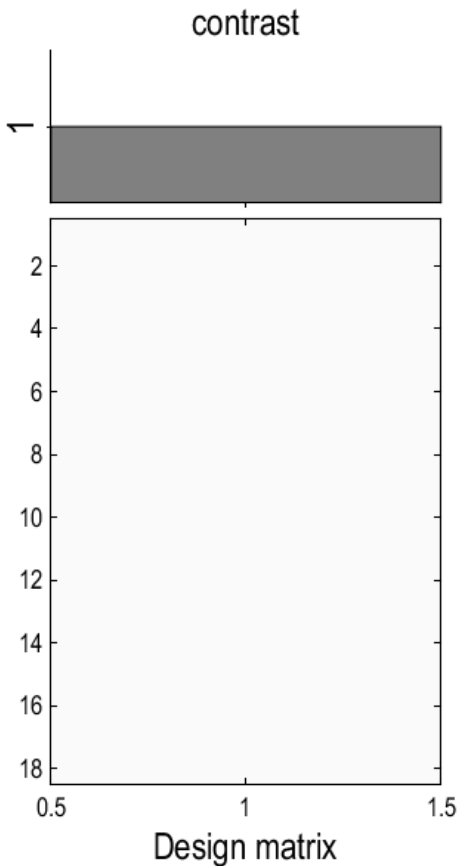
SPM_{mip}

[-40.9, -22.1, 59]



SPM{T₁₇}

SPMresults: \dispersion_masked\rh_vs_rest
Height threshold T = 6.817795 {p<0.01 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

cluster-level				peak-level					mm mm mm		
$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	k_E	p_{uncorr}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	0.000	118	0.000	0.000	0.001	14.24	6.52	0.000	-41	-22	59
				0.000	0.005	11.43	5.99	0.000	-41	-28	47
				0.001	0.202	8.06	5.11	0.000	-38	-34	65

table shows 3 local maxima more than 8.0mm apart

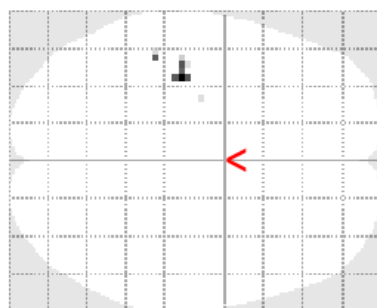
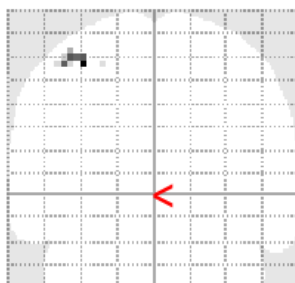
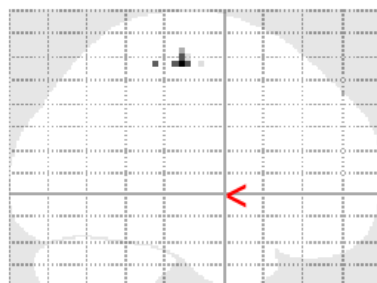
Height threshold: T = 6.82, p = 0.000 (0.010)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 0.848
Expected number of clusters, <c> = 0.01
FWEp: 5.855, FDRp: 10.907, FWEc: 118, FDRc: 118

Degrees of freedom = [1.0, 17.0]
FWHM = 14.8 12.9 9.9 mm mm mm; 5.1 4.4 3.3 {voxels}
Volume: 168536 = 6680 voxels = 49.1 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 74.86 voxels)

One-Sample T-Test

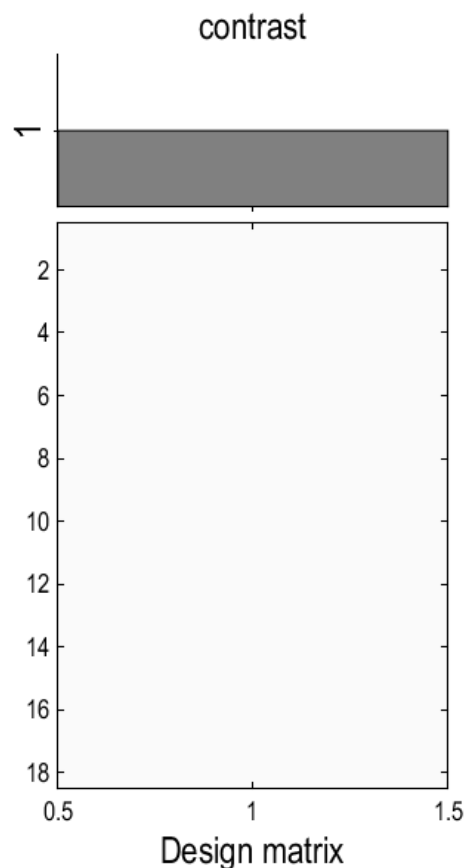
SPM_{mip}

$[-0.300003, 1.1, -1]$



SPM{T₁₇}

SPMresults: \dispersion_masked\rh_vs_time
Height threshold T = 5.978182 {p<0.05 (FWE)}
Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	3	0.000	0.010	10	0.003	0.006	0.441	7.14	4.79	0.000	-35	-22	56
		0.007	0.212	2	0.141	0.012	0.441	6.70	4.63	0.000	-44	-34	56
		0.015	0.291	1	0.291	0.038	0.798	6.12	4.39	0.000	-26	-13	56

table shows 3 local maxima more than 8.0mm apart

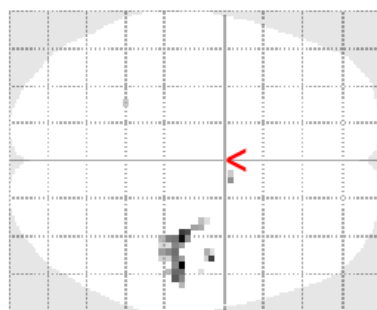
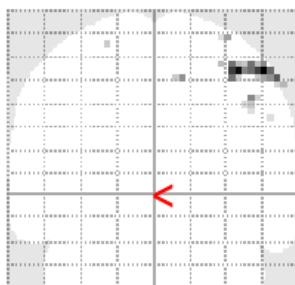
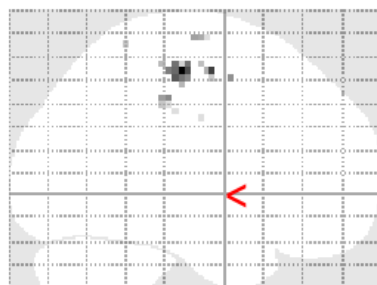
Height threshold: T = 5.98, p = 0.000 (0.050)
Extent threshold: k = 0 voxels
Expected voxels per cluster, <k> = 0.971
Expected number of clusters, <c> = 0.05
FWEp: 5.978, FDRp: Inf, FWEc: 1, FDRc: 10

Degrees of freedom = [1.0, 17.0]
FWHM = 12.8 11.0 10.3 mm mm mm; 4.4 3.8 3.4 {voxels}
Volume: 168536 = 6680 voxels = 63.8 resels
Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 57.69 voxels)

One-Sample T-Test

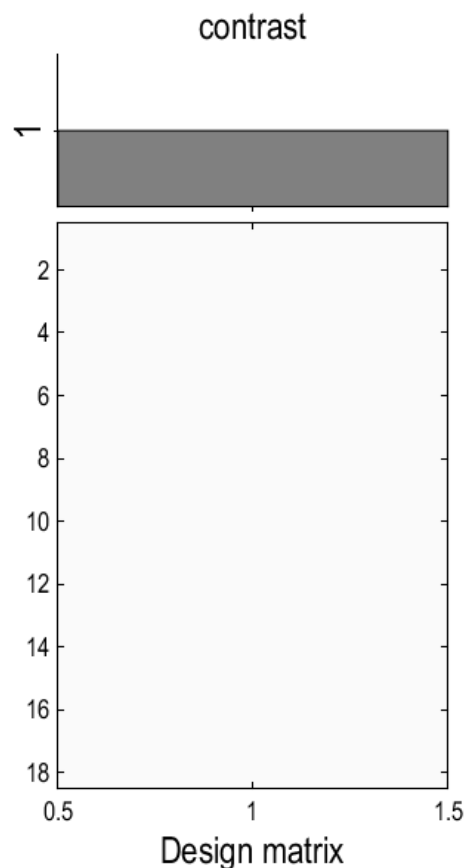
SPM{mip}

$[-0.300003, 1.1, -1]$



SPM{T₁₇}

SPMresults: \dispersion_masked\lh_vs_time
Height threshold $T = 5.907972$ { $p < 0.05$ (FWE)}
Extent threshold $k = 0$ voxels



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}	$p_{\text{FWE-corr}}$	$q_{\text{FDR-corr}}$	T	(Z_{\equiv})	p_{uncorr}			
0.000	9	0.000	0.000	35	0.000	0.002	0.563	7.64	4.97	0.000	49	-22	53
						0.003	0.563	7.49	4.92	0.000	37	-22	53
		0.002	0.126	5	0.042	0.006	0.629	7.12	4.79	0.000	46	-8	53
		0.001	0.086	7	0.019	0.016	0.676	6.55	4.57	0.000	43	-28	41
		0.009	0.323	2	0.179	0.018	0.676	6.51	4.55	0.000	11	1	50
		0.005	0.236	3	0.105	0.023	0.728	6.38	4.50	0.000	32	-16	68
		0.017	0.339	1	0.339	0.033	0.878	6.18	4.41	0.000	29	-13	56
		0.017	0.339	1	0.339	0.039	0.920	6.08	4.37	0.000	-24	-48	65
		0.017	0.339	1	0.339	0.049	0.992	5.92	4.30	0.000	52	-13	32
		0.017	0.339	1	0.339	0.050	0.992	5.91	4.30	0.000	43	-25	35

table shows 3 local maxima more than 8.0mm apart

Height threshold: $T = 5.91$, $p = 0.000$ (0.050)

Extent threshold: $k = 0$ voxels

Expected voxels per cluster, $\langle k \rangle = 1.179$

Expected number of clusters, $\langle c \rangle = 0.05$

FWEp: 5.908, FDRp: Inf, FWEc: 1, FDRc: 35

Degrees of freedom = [1.0, 17.0]

FWHM = 13.1 12.3 10.6 mm mm mm; 4.5 4.2 3.5 {voxels}

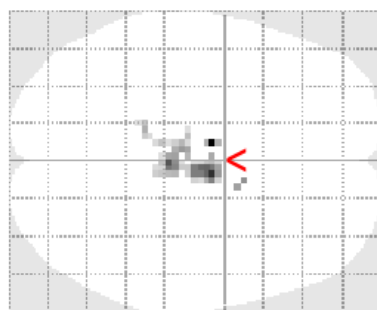
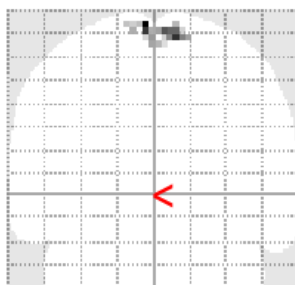
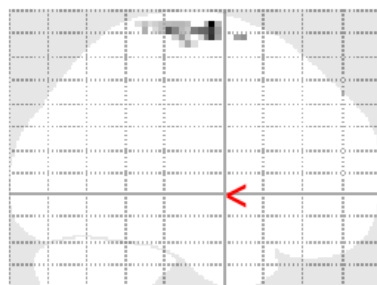
Volume: 168536 = 6680 voxels = 54.4 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 67.64 voxels)

One-Sample T-Test

SPMnip

[-0.300003, 1.1, -1]

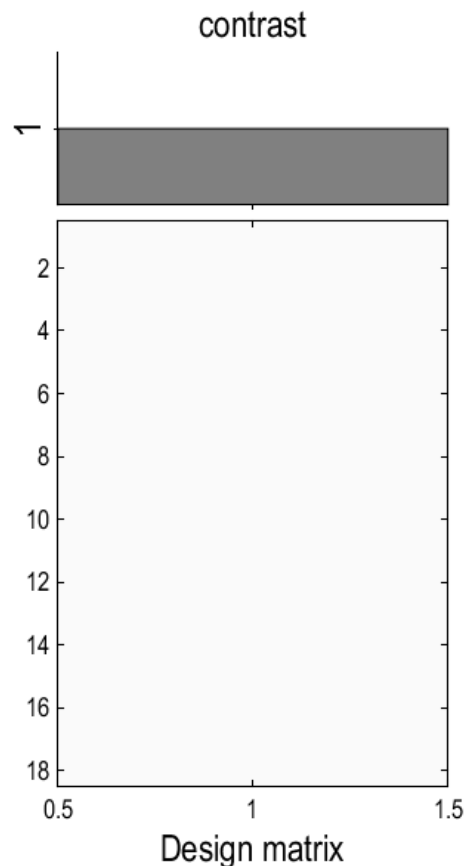


SPM{T₁₇}

SPMresults:\feet_vs_time

Height threshold T = 5.784195 {p<0.05 (FWE)}

Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	3	0.0006	0.164	4	0.109	0.000	0.063	9.35	5.48	0.000	-6	-8	74
		0.000	0.000	71	0.000	0.001	0.093	8.51	5.25	0.000	8	-8	68
						0.001	0.139	7.92	5.06	0.000	3	-28	71
						0.008	0.293	6.92	4.71	0.000	-3	-22	68
		0.013	0.248	2	0.248	0.007	0.293	7.02	4.75	0.000	11	7	68

table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 5.78, p = 0.000 (0.050)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 1.612

Expected number of clusters, <c> = 0.05

FWEp: 5.784, FDRp: Inf, FWEc: 2, FDRc: 71

Degrees of freedom = [1.0, 17.0]

FWHM = 17.2 15.4 8.3 mm mm mm; 5.9 5.3 2.8 {voxels}

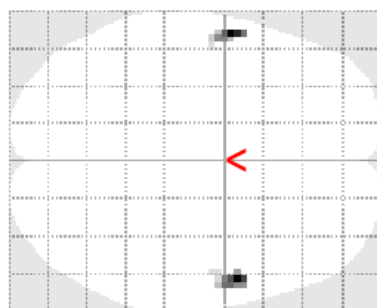
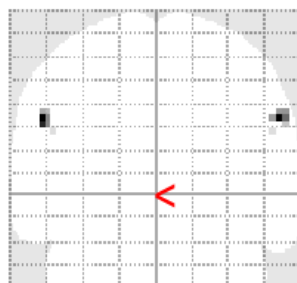
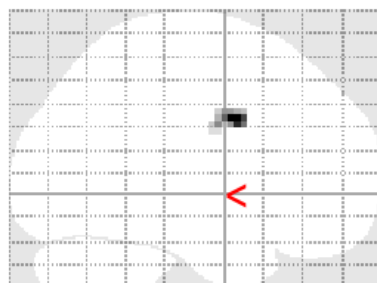
Volume: 168536 = 6680 voxels = 42.4 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 86.73 voxels)

One-Sample T-Test

SPM_{mip}

[-0.300003, 1.1, -1]

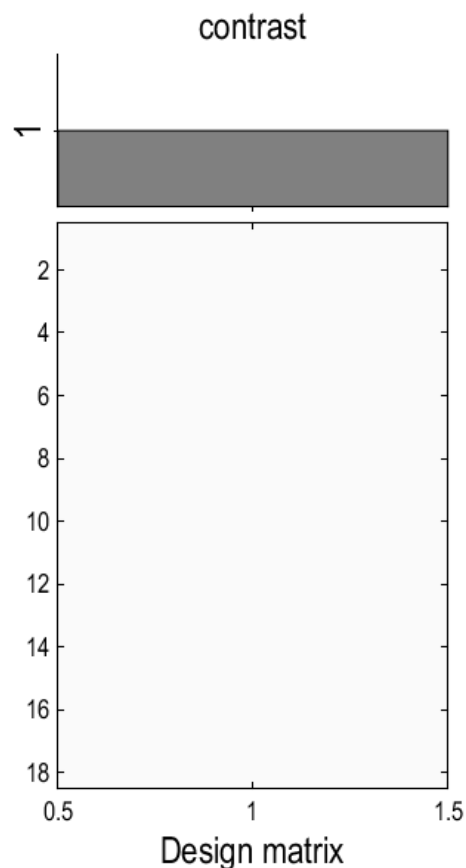


SPM{T₁₇}

SPMresults: \tongue_vs_both

Height threshold T = 5.903173 {p<0.05 (FWE)}

Extent threshold k = 0 voxels



Statistics: *p-values adjusted for search volume*

set-level		cluster-level				peak-level					mm mm mm		
<i>p</i>	<i>c</i>	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>k</i> _E	<i>p</i> _{uncorr}	<i>p</i> _{FWE-corr}	<i>q</i> _{FDR-corr}	<i>T</i>	(<i>Z</i> _≡)	<i>p</i> _{uncorr}			
0.000	3	0.000	0.001	19	0.000	0.001	0.037	8.53	5.25	0.000	-55	1	32
		0.000	0.001	20	0.000	0.001	0.037	8.45	5.23	0.000	55	4	32
		0.009	0.182	2	0.182	0.046	0.913	5.96	4.32	0.000	52	-8	26

table shows 3 local maxima more than 8.0mm apart

Height threshold: T = 5.90, p = 0.000 (0.050)

Extent threshold: k = 0 voxels

Expected voxels per cluster, <k> = 1.197

Expected number of clusters, <c> = 0.05

FWEp: 5.903, FDRp: 8.453, FWEc: 2, FDRc: 19

Degrees of freedom = [1.0, 17.0]

FWHM = 13.2 11.4 11.6 mm mm mm; 4.5 3.9 3.9 {voxels}

Volume: 168536 = 6680 voxels = 53.7 resels

Voxel size: 2.9 2.9 3.0 mm mm mm; (resel = 68.50 voxels)