

In case of "zstats_composite_2.nii"

(i) From FSL GRF

FWHMx FWHMy FWHMz = 8.226542 8.001764 8.497037

DLH = 0.528248

VOLUME = 20169

RESELS = 8.739580

voxel $p < 0.05$ is $z > 1.644854$ & cluster $p < 0.05$ is 138 voxels

voxel $p < 0.01$ is $z > 2.326348$ & cluster $p < 0.05$ is 38 voxels

(ii) From AFNI

3dFWHMx -mask GreyMask_v2_4mm.nii -input zstats_composite_2.nii

FWHMx FWHMy FWHMz = 8.37794 8.04997 8.68879

3dClustSim -mask GreyMask_v2_4mm.nii -fwhmxyz 8.37794 8.04997
8.68879 -niter 10000

when voxel $p < 0.05$, cluster $p < 0.05$ is 133 voxels

when voxel $p < 0.01$, cluster $p < 0.05$ is 35 voxels

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In case of "zstats_composite_covaried.nii"

(i) From FSL GRF

FWHMx FWHMy FWHMz = 8.620368 8.421812 8.860439

DLH = 0.459327

VOLUME = 20169

RESELS = 10.050938

voxel $p < 0.05$ is $z > 1.644854$ & cluster $p < 0.05$ is 154 voxels

voxel $p < 0.01$ is $z > 2.326348$ & cluster $p < 0.05$ is 43 voxels

(ii) From AFNI

FWHMx FWHMy FWHMz = 8.62919 8.27044 8.86186

when voxel $p < 0.05$, cluster $p < 0.05$ is 137 voxels

when voxel $p < 0.01$, cluster $p < 0.05$ is 36 voxels

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In case of "zstats_cshresidualvariance.nii"

(i) From FSL GRF

FWHMx FWHMy FWHMz = 11.045832 11.017183 11.405198

DLH = 0.212881

VOLUME = 20169

RESELS = 21.686620

voxel $p < 0.05$ is $z > 1.644854$ & cluster $p < 0.05$ is 284 voxels

voxel $p < 0.01$ is $z > 2.326348$ & cluster $p < 0.05$ is 78 voxels

(ii) From AFNI

FWHMx FWHMy FWHMz = 9.05523 8.70116 9.32526

when voxel $p < 0.05$, cluster $p < 0.05$ is 152 voxels

when voxel $p < 0.01$, cluster $p < 0.05$ is 40 voxels

