**Sample Screenshot Summary:**

* **67888\_screenshot\_1.mp4**

o 2.1.2 (DPARSF 5.4 is being selected then DPARSF Advanced Edition is being chosen) **00:00-00:06**

o 2.2.1-2.2.3 (slice timing/head motion correction/coregistration/smooth) **00:07-00:52**

o 2.3.1 (SPM12 is being opened and Coregister estimate is being clicked) **00:54-01:10**

o 2.3.2 (The file sub \*crop\_1.nii is being selected from T1Img folder) **01:11-01:17**

o 2.3.3 (File mean\*.nii is being chosen from RealignParameter folder) **01:17-01:24**

o 2.3.4 (The file ra\*.nii is being selected from FunImgAR folder) **01:25-01:50**

o 2.4.1 (Segment | Volumes is being clicked then sub\*crop\_1.nii file is being selected from T1Img folder ) **01:52-02:04**

o 2.4.2 (Inverse + Forward is being selected for Deformation Fields and then Run is pressed) **02:05-02:10**

o 2.4.3 (The segmentation is being repeated for the sub\*.nii file from the same folder) **02:11-02:35**

o 2.5.1 (Smooth is being clicked. The ra\*nii file from FunImgAr is being selected and 6 6 6 is being entered in the FWHM field) **02:36-03:44**

o 2.6.1 (First-level analysis is being done) **05:46**

o 2.7.1 (A new folder is being named indiv\_act and Specify 1st-level is being selected) **03:48-04:01**

o 2.7.2 (Indiv\_act folder is being chosen in the directory field, then Units for design is being selected and Scans is being clicked. Then 2 is entered in the interscan interval.) **04:02-04:19**

o 2.8.1 (The sra\*.nii file is being chosen under Scans in Data & Design) **04:20-04:58**

o 2.8.2 (The name is being set, 0 30 60 90 are being entered for Onset then Durations is being set to 15) **05:01-05:20**

o 2.8.3 (Multiple regressors is being clicked and the rp\_a\*.txt file is being chosen from RealignParameters) **05:22-05:35**

o 2.9.1 (Selecting the "SPM.mat" file and running the estimate function to produce the activation map) **05:48-06:04**

o 2.10.1 (Results is being clicked and SPM.mat file is being chosen from indiv\_act folder, then t-contrast is being checked and Define new contrast is being clicked) **06:05-06:27**

o 2.10.2 (Custom name is being entered, 1 0 is being input and Submit> OK> Done is being clicked) **06:28-06:38**

o 2.11.1 (None is being selected under apply masking and under p value adjustments to control , the value is being set to 0.001 and & extend threshold is being set to 0) **06:39-06:52**

o 2.12.1 (Normalise (Write) | Data is being clicked. iy\_Crop\_1" file is being selected from T1Img folder under Deformation fields) **08:20-08:31**

o 2.12.2 (M1 brain region mask is being selected for Image to write then individual bounding boxes and voxel sizes are being selected) **08:32-08:38**

o 2.13.1 (Coregister Reslice is being pressed, spmT\_0001 is being selected from the indiv\_act folder for Image Defining Space. For image to reslic, w.nii file is being selected.) **08:56-09:21**

o 2.14.1 (The sort positive code is being run in MATLAB.) **09:34-11:15**

o 2.14.2 (The first X-co-ordinate with negative value is being identified and recorded as individual task activation peak.) **11:10-11:15**

* **67888\_screenshot\_2.mp4**

o 2.18.1 (SPM12 is being launched, fMRI is being clicked then Segment is selected) **00:00-00:04**

o 2.18.2 (The edges code is being run on MATLAB, then c5.nii image is being selected and Done is being pressed to generate c5\_edges.nii file) **00:04-00:30**

o 2.19.1 (SPM12 is being launched, fMRI is being clicked then Segment is selected) **00:30-00:54**

o 2.20.1 (Normalise (Write) is being clicked then Data is being selected) **01:12-02:50**

o 2.20.2 (The iy\_sub\*nii file from T1Img folder is being selected. Then c5\_outer\_edge.nii is being chosen and individual bounding box and voxel sizes are being input) **01:12-02:50**

o 2.21.1 (The TransCortex2Scalp code is being opened in MATLAB and the first line is being executed. Individual activation point coordinates are being entered, wc5\_outer\_edge file is being selected and the output co-ordinates are being recorded) **02:51-03:22**

o 2.22.1 (DPABI\_Viewer is being opened, Underlay is being clicked and individual T1 structural image is being selected) **03:30-03:46**

o 2.22.2 (DPABI\_Viewer is being opened, Underlay is being clicked and individual T1 structural image is being selected) **03:46-05:54**

* **67888\_screenshot\_3.mp4**

o 2.23.1 (The intersection code is being opened in MATLAB. The landmark coordinates are being input, the code is being run and the intersection coordinates are being recorded.) **00:00-00:20**

o 2.24.1 (Running MATLAB origin code and outputting final scalp origin location) **00:21-00:43**

o 2.25.1 (The distance code is being run, the wc5\_outer\_edge.nii file is being selected, and the scalp origin, target and landmark coordinates are being entered.) **00:45-01:31**

o 2.26.1 (The calculate\_angle\_X\_Axis code is being opened and the first line is being run) **01:32-01:35**

o 2.26.2 (The coordinates of the scalp origin and stimulation target is being entered in the command window) **01:35-02:07**