import gl

gl.resetdefaults()

gl.backcolor(255, 255, 255)

#open background image

tasks = ["WG1", "PP5", "AN5"]

groups = ["typicals", "atypicals"]

for t in tasks:

for g in groups:

infile = t+"\_output\_"+g

outfileL = t+"\_"+g+"\_L.png"

outfileR = t+"\_"+g+"\_R.png"

gl.loadimage('spm152')

#open overlay: show positive regions

gl.overlayload(infile)

gl.colorname (1,"1red")

gl.minmax(1,2, 2)

gl.opacity(1,150)

gl.overlayload(infile)

gl.colorname (2,"3blue")

gl.minmax(2, -2, -2)

gl.opacity(2,150)

gl.colorbarposition(0)

#gl.orthoview(0.5,0.5,0.5)

#coords at centre of brain

gl.azimuthelevation(90,10)

gl.savebmp(outfileL)

gl.azimuthelevation(-90,10)

gl.savebmp(outfileR)