

Supplement SB

Effect size of the Asymmetry Index of STD FA

ROI Start	ROI End	Effect Size	df
inferior parietal grey matter	precentral white matter	1.0802	496
precentral grey matter	inferior parietal white matter	0.9099	530
inferior parietal white matter	precentral white matter	0.8509	538
inferior temporal grey matter	banks of superior temporal sulcus white matter	0.8313	533
inferior temporal white matter	supramarginal white matter	0.8254	530
superior parietal grey matter	supramarginal white matter	0.7961	539
inferior parietal grey matter	postcentral grey matter	0.7861	501
banks of superior temporal sulcus white matter	inferior temporal white matter	0.7742	539
putamen	pallidum	0.7549	540
putamen	transverse temporal white matter	0.7510	472
middle temporal white matter	postcentral white matter	0.7223	474
pallidum	precentral white matter	0.7200	474
caudal middle frontal white matter	pars triangularis white matter	0.7137	501
banks of superior temporal sulcus white matter	precentral white matter	0.7065	498
supramarginal grey matter	superior temporal white matter	0.6865	538
precentral grey matter	pars triangularis white matter	0.6615	496
inferior parietal grey matter	postcentral white matter	0.6594	519
medial orbitofrontal grey matter	medial orbitofrontal white matter	0.6588	538
caudal anterior cingulate white matter	precuneus white matter	0.6325	526
pallidum	rostral middle frontal white matter	0.6297	491
precentral grey matter	rostral middle frontal grey matter	0.6165	514
precentral grey matter	rostral middle frontal white matter	0.5910	534
isthmus cingulate grey matter	posterior cingulate white matter	0.5894	538
superior frontal grey matter	caudal middle frontal white matter	0.5881	462
insula grey matter	lateral occipital white matter	0.5824	525
putamen	insula white matter	0.5776	538
banks of superior temporal sulcus white matter	middle temporal white matter	0.5724	539
pars triangularis white matter	supramarginal white matter	0.5692	518
superior temporal grey matter	pars opercularis white matter	0.5616	532
pars opercularis grey matter	superior temporal grey matter	0.5598	534
pars opercularis white matter	postcentral white matter	0.5552	530
banks of superior temporal sulcus white matter	postcentral white matter	0.5536	501

superior parietal grey matter	superior parietal white matter	0.5452	540
pars triangularis white matter	precentral white matter	0.5401	529
inferior temporal grey matter	supramarginal white matter	0.5377	497
meidal orbitofrontal white matter	temporal pole white matter	0.5337	512
banks of superior temporal sulcus white matter	insula white matter	0.5332	536
insula grey matter	banks of superior temporal sulcus white matter	0.5315	519
middle temporal grey matter	precentral white matter	0.5305	464
pallidum	superior temporal white matter	0.5280	514
pallidum	lateral orbitofrontal white matter	0.5254	539
superior temporal grey matter	supramarginal grey matter	0.5227	538
insula grey matter	inferior parietal white matter	0.5211	536
superior temporal white matter	transverse temporal white matter	0.5193	539
putamen	superior temporal grey matter	0.5183	536
paracentral grey matter	precentral white matter	0.5137	538
caudal middle frontal white matter	inferior parietal white matter	0.5135	459
inferior temporal grey matter	insula grey matter	0.5126	477
precentral white matter	supramarginal white matter	0.5087	539
pallidum	rostral middle frontal white matter	0.5074	538
caudal anterior cingulate white matter	isthmus cingulate white matter	0.5049	522

ROI, Region of Interest; df, degrees of freedom