

Mean FA

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
wm-lh-medialorbitofrontal	wm-lh-middletemporal	Pass-through	-0.510404461	522
ctx-lh-medialorbitofrontal	wm-lh-middletemporal	Pass-through	-0.489322398	496
ctx-lh-rostralmiddlefrontal	wm-lh-middletemporal	Pass-through	-0.396594776	498
ctx-lh-medialorbitofrontal	wm-lh-insula	Pass-through	-0.380086251	538
wm-lh-bankssts	wm-lh-inferiortemporal	Origin/Terminal	-0.378921068	502
ctx-lh-medialorbitofrontal	ctx-rh-frontalpole	Origin/Terminal	-0.377164213	483
ctx-lh-medialorbitofrontal	ctx-lh-insula	Pass-through	-0.374796717	536
Left-Pallidum	wm-lh-caudalmiddlefrontal	Pass-through	-0.365712411	485
wm-lh-lateraloccipital	wm-lh-superiorparietal	Pass-through	-0.365698044	540
Right-Cerebellum-Cortex	wm-rh-lingual	Origin/Terminal	0.361609121	533
Left-Putamen	wm-lh-middletemporal	Pass-through	-0.360079159	536
ctx-lh-lateraloccipital	ctx-lh-superiortemporal	Pass-through	-0.359731432	493
ctx-rh-cuneus	wm-rh-lateraloccipital	Pass-through	-0.359013949	540
ctx-rh-superiorfrontal	wm-lh-insula	Pass-through	-0.358117323	475
ctx-lh-medialorbitofrontal	wm-lh-superiortemporal	Pass-through	-0.357126656	526

Mean ADC

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
ctx-lh-insula	wm-lh-lateraloccipital	Origin/Terminal	0.419007	461
ctx-lh-medialorbitofrontal	ctx-lh-insula	Pass-through	0.414062	536
ctx-lh-posteriorcingulate	wm-lh-rostralanteriorcingulate	Pass-through	0.410492	490
wm-lh-lateraloccipital	wm-lh-superiortemporal	Origin/Terminal	0.409295	526
wm-lh-superiorparietal	wm-lh-superiortemporal	Origin/Terminal	0.398237	470
wm-lh-caudalmiddlefrontal	wm-rh-caudalanteriorcingulate	Pass-through	0.379981	510
ctx-lh-middletemporal	wm-lh-inferiortemporal	Pass-through	0.362646	540
ctx-lh-middletemporal	ctx-lh-temporalpole	Pass-through	0.360192	539
ctx-lh-caudalanteriorcingulate	wm-lh-rostralanteriorcingulate	Origin/Terminal	0.360015	514
ctx-lh-lateraloccipital	ctx-lh-insula	Pass-through	0.358643	517
wm-lh-fusiform	wm-lh-superiortemporal	Origin/Terminal	0.358269	512
ctx-lh-lateraloccipital	ctx-lh-superiortemporal	Pass-through	0.357273	493
ctx-lh-middletemporal	wm-lh-fusiform	Pass-through	0.35638	539
wm-lh-caudalanteriorcingulate	wm-lh-caudalmiddlefrontal	Pass-through	0.356376	509
wm-rh-bankssts	wm-rh-inferiortemporal	Origin/Terminal	0.356179	468
ctx-lh-caudalanteriorcingulate	ctx-lh-precuneus	Origin/Terminal	0.354776	463

Number of Tracts

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
Left-Cerebellum-White-Matter	Right-Cerebellum-White-Matter	Origin/Terminal	0.508891479	539
Left-Cerebellum-White-Matter	ctx-rh-supramarginal	Origin/Terminal	0.508775929	539
Left-Cerebellum-Cortex	ctx-lh-precentral	Pass-through	0.508737178	538
Left-Cerebellum-Cortex	Brain-Stem	Origin/Terminal	0.508737178	538
Right-Cerebral-White-Matter	wm-rh-supramarginal	Origin/Terminal	0.508397105	540
Right-Hippocampus	ctx-lh-rostralmiddlefrontal	Pass-through	0.508397105	540
CSF	wm-lh-postcentral	Origin/Terminal	0.507291136	538
ctx-lh-lingual	ctx-rh-parsopercularis	Pass-through	0.507144047	541
ctx-rh-bankssts	wm-lh-superiorparietal	Pass-through	0.507144047	541
CC_Central	ctx-rh-lingual	Pass-through	0.507144047	541
ctx-lh-superiortemporal	wm-rh-superiorparietal	Pass-through	0.507144047	541
ctx-lh-superiorfrontal	ctx-rh-medialorbitofrontal	Origin/Terminal	0.507144047	541
ctx-lh-fusiform	ctx-rh-temporalpole	Pass-through	0.507144047	541
Right-Thalamus-Proper	wm-lh-rostralanteriorcingulate	Origin/Terminal	0.507144047	541

Tracts to Render

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
ctx-lh-superiorfrontal	wm-lh-superiorfrontal	Origin/Terminal	0.673362	541
ctx-rh-fusiform	wm-rh-fusiform	Origin/Terminal	0.644881	541
ctx-lh-precuneus	wm-lh-precuneus	Origin/Terminal	0.625481	541
ctx-lh-superiortemporal	wm-lh-superiortemporal	Pass-through	0.624466	541
ctx-lh-lateraloccipital	wm-lh-lateraloccipital	Origin/Terminal	0.587301	541
ctx-lh-parstriangularis	wm-lh-parstriangularis	Pass-through	0.579324	541
ctx-lh-supramarginal	wm-lh-supramarginal	Pass-through	0.577071	541
ctx-rh-fusiform	ctx-rh-inferiortemporal	Pass-through	0.575552	541
ctx-lh-supramarginal	wm-lh-superiortemporal	Pass-through	0.572275	541
ctx-rh-lateraloccipital	wm-rh-lateraloccipital	Pass-through	0.568799	541
ctx-rh-superiorparietal	wm-rh-superiorparietal	Pass-through	0.567187	542
ctx-lh-rostralmiddlefrontal	wm-lh-rostralmiddlefrontal	Pass-through	0.562876	541
ctx-rh-precuneus	wm-rh-precuneus	Pass-through	0.554215	542
ctx-lh-midtemporal	wm-lh-midtemporal	Pass-through	0.553279	541
ctx-rh-fusiform	wm-rh-fusiform	Pass-through	0.54742	541
ctx-rh-superiorfrontal	wm-rh-superiorfrontal	Pass-through	0.538995	541

Standard Deviation ADC

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
ctx-lh-transversetemporal	ctx-lh-insula	Origin/Terminal	-0.410886185	539
ctx-lh-transversetemporal	wm-lh-insula	Origin/Terminal	-0.387978537	537
ctx-rh-parsorbitalis	ctx-rh-parstriangularis	Origin/Terminal	-0.378045843	540
ctx-rh-parstriangularis	ctx-rh-rostralmiddlefrontal	Origin/Terminal	-0.369305758	540
ctx-lh-postcentral	ctx-lh-transversetemporal	Origin/Terminal	-0.366394061	535
ctx-rh-rostralmiddlefrontal	wm-rh-insula	Origin/Terminal	-0.356918664	505
ctx-lh-postcentral	ctx-lh-transversetemporal	Pass-through	-0.355419823	539
ctx-lh-postcentral	wm-lh-supramarginal	Origin/Terminal	-0.355010213	539
Right-Caudate	wm-lh-lateralorbitofrontal	Pass-through	-0.353646668	539
ctx-lh-bankssts	ctx-lh-middletemporal	Origin/Terminal	-0.352352149	538
wm-lh-lateralorbitofrontal	wm-rh-lateralorbitofrontal	Pass-through	-0.350517033	536
ctx-lh-parstriangularis	wm-lh-parstriangularis	Origin/Terminal	-0.350274158	539
wm-lh-lateralorbitofrontal	wm-rh-rostralmiddlefrontal	Pass-through	-0.34295549	529
ctx-lh-superiortemporal	ctx-lh-supramarginal	Origin/Terminal	-0.342665436	539
ctx-rh-parsorbitalis	wm-rh-parstriangularis	Origin/Terminal	-0.3374899	524

Standard Deviation FA

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
Left-Pallidum	ctx-lh-insula	Pass-through	-0.5344	457
ctx-rh-rostralmiddlefrontal	wm-lh-lateralorbitofrontal	Pass-through	-0.46974	452
wm-rh-inferiorparietal	wm-rh-lateraloccipital	Origin/Terminal	-0.45533	540
Left-Caudate	wm-lh-insula	Origin/Terminal	-0.43558	506
wm-lh-fusiform	wm-lh-lingual	Origin/Terminal	-0.43548	537
ctx-lh-medialorbitofrontal	ctx-rh-frontalpole	Origin/Terminal	-0.43493	483
ctx-lh-inferiorparietal	wm-lh-inferiortemporal	Pass-through	-0.41015	539
wm-rh-lateraloccipital	wm-rh-superiorparietal	Pass-through	-0.40741	540
ctx-lh-lateralorbitofrontal	wm-lh-middletemporal	Pass-through	-0.40481	532
wm-lh-middletemporal	wm-lh-insula	Pass-through	-0.39986	540
ctx-rh-inferiorparietal	wm-rh-lateraloccipital	Origin/Terminal	-0.39888	539
Left-VentralDC	wm-lh-entorhinal	Pass-through	-0.39522	538
ctx-lh-lateraloccipital	wm-rh-superiorparietal	Pass-through	-0.39312	512
ctx-lh-middletemporal	wm-lh-bankssts	Origin/Terminal	-0.39083	538
ctx-lh-inferiorparietal	ctx-lh-inferiortemporal	Pass-through	-0.38999	536
ctx-rh-lateraloccipital	wm-rh-inferiorparietal	Origin/Terminal	-0.3894	540

Mean FA – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
wm-rh-caudalanteriorcingulate	wm-rh-rostralanteriorcingulate	Origin/Terminal	0.30589585	526
wm-lh-caudalanteriorcingulate	wm-lh-rostralanteriorcingulate	Origin/Terminal	-0.299530068	526
wm-lh-inferiortemporal	wm-lh-temporalpole	Pass-through	-0.295465783	538
wm-rh-inferiortemporal	wm-rh-temporalpole	Pass-through	0.285637621	538
ctx-lh-entorhinal	wm-lh-inferiortemporal	Pass-through	-0.284216821	500
Right-Cerebellum-Cortex	wm-rh-lingual	Origin/Terminal	0.281873903	527
wm-lh-posteriorcingulate	wm-lh-rostralanteriorcingulate	Pass-through	-0.27326477	524
ctx-lh-bankssts	wm-lh-middletemporal	Origin/Terminal	0.271276864	532
ctx-rh-temporalpole	wm-rh-temporalpole	Pass-through	0.267972619	538
ctx-rh-lateraloccipital	ctx-rh-superiortemporal	Pass-through	0.267833703	466
wm-lh-superiortemporal	wm-lh-temporalpole	Pass-through	-0.267550762	538
ctx-lh-temporalpole	wm-lh-temporalpole	Pass-through	-0.267146655	538
ctx-rh-caudalanteriorcingulate	wm-lh-superiorfrontal	Pass-through	0.262364222	534

Mean ADC – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
wm-lh-caudalanteriorcingulate	wm-lh-rostralanteriorcingulate	Origin/Terminal	0.344801663	526
Left-Cerebellum-Cortex	wm-lh-superiorfrontal	Pass-through	0.31588575	493
wm-rh-caudalanteriorcingulate	wm-rh-rostralanteriorcingulate	Origin/Terminal	-0.309463746	526
Right-Cerebellum-Cortex	wm-rh-superiorfrontal	Pass-through	-0.308465622	494
ctx-lh-inferiorparietal	ctx-lh-insula	Pass-through	0.305337381	481
ctx-rh-inferiorparietal	ctx-rh-insula	Pass-through	-0.295343012	481
Right-Cerebral-White-Matter	ctx-lh-posteriorcingulate	Pass-through	0.282895023	494
Right-Cerebral-White-Matter	wm-lh-cuneus	Pass-through	0.281851596	467
Left-Cerebral-White-Matter	wm-rh-cuneus	Pass-through	-0.281642196	466
ctx-rh-precuneus	wm-lh-posteriorcingulate	Origin/Terminal	-0.281485877	481
ctx-rh-precentral	wm-rh-supramarginal	Origin/Terminal	-0.270571013	528
Right-Cerebellum-Cortex	ctx-rh-superiorfrontal	Pass-through	-0.267668023	484
Right-Accumbens-area	wm-rh-rostralanteriorcingulate	Origin/Terminal	-0.26645179	506
Left-Cerebellum-Cortex	ctx-lh-superiorfrontal	Pass-through	0.266000101	483
Left-VentralDC	ctx-lh-parahippocampal	Pass-through	0.265160641	455
Left-Cerebral-White-Matter	ctx-rh-posteriorcingulate	Pass-through	-0.264082395	494

Number of Tracts – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
Right-Cerebral-White-Matter	Right-VentralDC	Pass-through	0.279673634	513
Left-Cerebral-White-Matter	Left-Pallidum	Pass-through	-0.229593396	538
Right-Cerebral-White-Matter	Right-Cerebellum-Cortex	Origin/Terminal	0.203619897	508
Left-Cerebral-White-Matter	Left-Cerebellum-White-Matter	Pass-through	-0.198771344	538
Right-Cerebral-White-Matter	ctx-rh-caudalanteriorcingulate	Origin/Terminal	0.198667112	526
Left-Cerebral-White-Matter	Left-Putamen	Pass-through	-0.197616528	538
Left-Cerebral-White-Matter	Left-VentralDC	Pass-through	-0.194508012	537
Left-Cerebral-White-Matter	Left-Cerebellum-Cortex	Origin/Terminal	-0.179564247	537
Right-Cerebral-White-Matter	Right-Accumbens-area	Pass-through	0.176198293	512
Left-Cerebral-White-Matter	Left-Hippocampus	Pass-through	-0.16897932	539
Left-Cerebral-White-Matter	Left-Accumbens-area	Pass-through	-0.168913862	539

Lines to Render – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
ctx-lh-lateraloccipital	ctx-lh-middletemporal	Pass-through	0.313491537	540
wm-rh-superiorfrontal	wm-rh-superiortemporal	Pass-through	0.310302643	489
wm-rh-rostralmiddlefrontal	wm-rh-superiorparietal	Pass-through	0.306172862	533
ctx-rh-parsorbitalis	ctx-rh-parstriangularis	Pass-through	-0.287230139	540
ctx-lh-middletemporal	wm-lh-lateraloccipital	Pass-through	0.283641959	540
ctx-lh-bankssts	ctx-lh-superiortemporal	Origin/Terminal	0.276571236	541
ctx-rh-superiortemporal	wm-rh-precentral	Pass-through	0.271911359	539
ctx-lh-lateralorbitofrontal	ctx-lh-middletemporal	Pass-through	0.270917201	497
ctx-lh-precentral	wm-lh-parstriangularis	Pass-through	0.269941514	526
ctx-rh-lateralorbitofrontal	wm-rh-rostralmiddlefrontal	Origin/Terminal	0.269275461	461
Right-Accumbens-area	Right-VentralDC	Pass-through	0.266105907	538
Left-Pallidum	wm-lh-precentral	Pass-through	0.262424115	540

Tracts to Render – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
Right-Caudate	wm-rh-lateralorbitofrontal	Pass-through	0.326892033	540
ctx-lh-bankssts	ctx-lh-superiortemporal	Origin/Terminal	0.323394018	541
wm-rh-rostralmiddlefrontal	wm-rh-superiorparietal	Pass-through	0.304050826	533
ctx-lh-lateraloccipital	ctx-lh-middletemporal	Pass-through	0.2974253	540
wm-rh-superiorfrontal	wm-rh-superiortemporal	Pass-through	0.293029546	489

ctx-lh-rostralmiddlefrontal	wm-rh-lateralorbitofrontal	Pass-through	0.291462302	452
ctx-rh-lateralorbitofrontal	wm-rh-rostralmiddlefrontal	Origin/Terminal	0.284597775	461
ctx-lh-inferiorparietal	wm-lh-transversetemporal	Pass-through	0.282486003	503
ctx-lh-middletemporal	wm-lh-lateraloccipital	Pass-through	0.281989463	540
ctx-rh-entorhinal	ctx-rh-parahippocampal	Pass-through	0.274146482	539
ctx-lh-precentral	wm-lh-parstriangularis	Pass-through	0.273650951	526
ctx-lh-precuneus	wm-lh-lingual	Pass-through	0.27302815	540
wm-lh-postcentral	wm-lh-precentral	Origin/Terminal	0.270888612	540
ctx-lh-lingual	ctx-lh-precuneus	Pass-through	0.2704043	540

Standard Deviation ADC – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
Right-Cerebellum-Cortex	ctx-rh-fusiform	Origin/Terminal	0.339637715	538
ctx-rh-parsopercularis	wm-rh-postcentral	Pass-through	0.32519696	524
Left-Cerebellum-Cortex	ctx-lh-fusiform	Origin/Terminal	-0.31852148	537
ctx-rh-fusiform	ctx-rh-lingual	Origin/Terminal	0.307432253	538
ctx-rh-pericalcarine	wm-lh-cuneus	Pass-through	0.302989089	477
Right-Caudate	Right-VentralDC	Pass-through	-0.28922096	536
Right-Cerebral-White-Matter	Right-Pallidum	Pass-through	0.288531031	499
ctx-lh-parsopercularis	wm-lh-postcentral	Pass-through	-0.28086546	524
Left-Cerebral-White-Matter	wm-rh-pericalcarine	Pass-through	-0.27957392	473
Left-VentralDC	wm-lh-medialorbitofrontal	Pass-through	-0.27896243	526
ctx-lh-superiorparietal	wm-rh-lingual	Pass-through	0.277247319	489
Left-Cerebellum-Cortex	wm-lh-fusiform	Origin/Terminal	-0.27635627	535
Left-Caudate	Left-VentralDC	Pass-through	0.273523515	535
ctx-rh-precentral	wm-rh-supramarginal	Origin/Terminal	-0.27002970	528

Standard Deviation FA – Asymmetry Index

Largest effect size by sex

Seed	Target	Connectivity	Effect Size	df
ctx-lh-inferiorparietal	wm-lh-precentral	Pass-through	1.080233447	496
ctx-lh-precentral	wm-lh-inferiorparietal	Pass-through	0.909896885	530
ctx-rh-inferiorparietal	wm-rh-precentral	Pass-through	-0.879608229	496
wm-lh-inferiorparietal	wm-lh-precentral	Pass-through	0.850937118	538
ctx-rh-inferiortemporal	wm-rh-bankssts	Pass-through	0.83131755	533
ctx-rh-precentral	wm-rh-inferiorparietal	Pass-through	-0.829078014	530
wm-rh-inferiortemporal	wm-rh-supramarginal	Pass-through	0.825370366	530
ctx-rh-superiorparietal	wm-rh-supramarginal	Pass-through	0.796100677	539
ctx-lh-inferiorparietal	ctx-lh-postcentral	Pass-through	0.786141863	501
wm-rh-bankssts	wm-rh-inferiortemporal	Pass-through	0.774215731	539

wm-rh-inferiorparietal	wm-rh-precentral	Pass-through	-0.770096342	538
Right-Putamen	Right-Pallidum	Pass-through	0.754891546	540
Right-Putamen	wm-rh-transversetemporal	Pass-through	0.750972164	472
wm-lh-inferiortemporal	wm-lh-supramarginal	Pass-through	-0.749793436	530
wm-rh-midletemporal	wm-rh-postcentral	Pass-through	0.722347998	474
Right-Pallidum	wm-rh-precentral	Origin/Terminal	0.720020737	474