

Statistiques fMRI

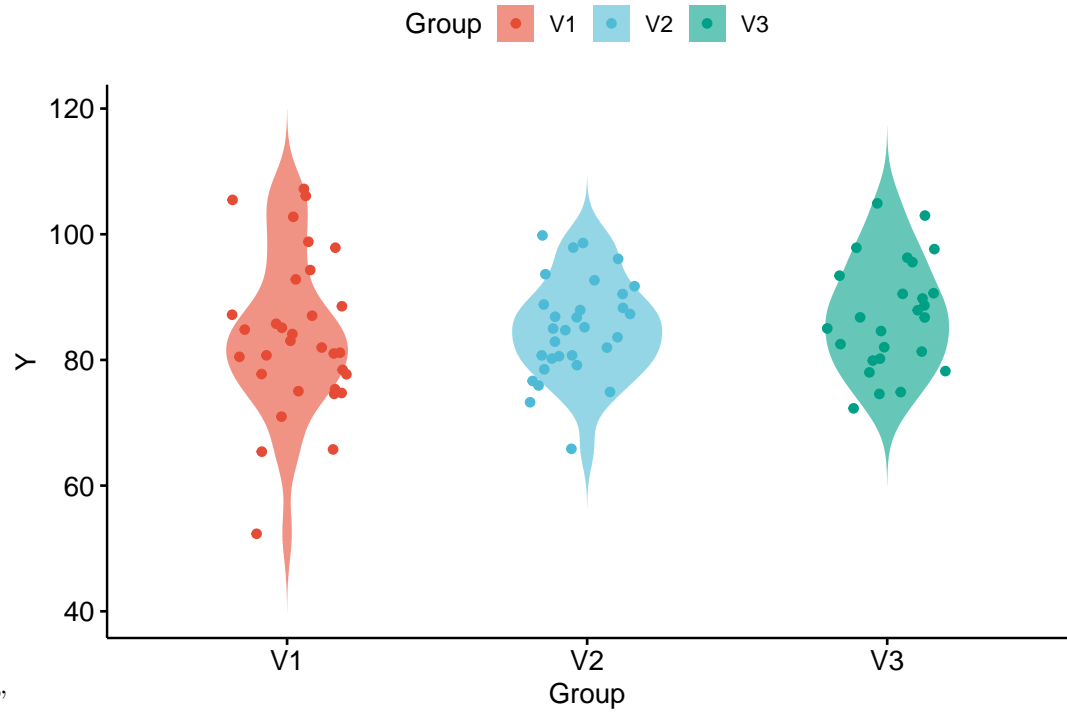
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Analyzing betweenness in atlas aal



[1] "V1"

Table 1: Analyzing betweenness \sim Group + (1|id) : Atlas aal

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	4.4141272	0.0258689	170.634829	0.0000000
fixed	GroupV2	0.0278491	0.0209989	1.326218	0.1847675
fixed	GroupV3	0.0323590	0.0222470	1.454534	0.1457983

Analyzing strength in atlas aal

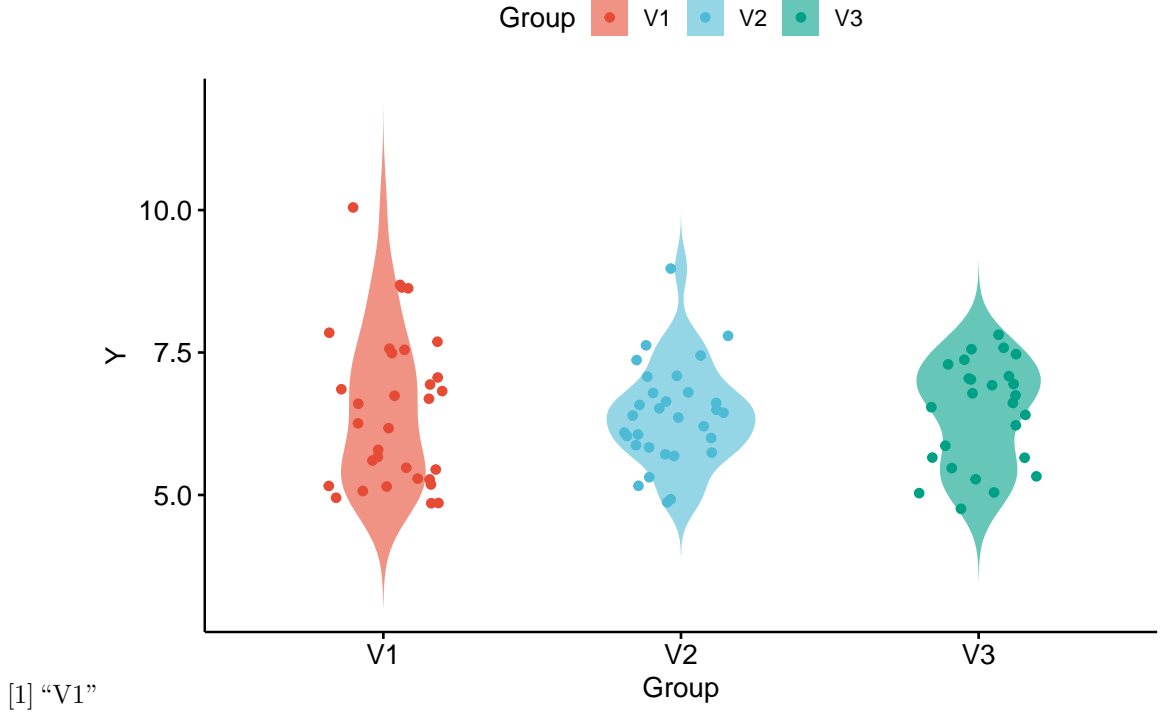


Table 2: Analyzing strength ~ Group + (1|id) : Atlas aal

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	1.8484362	0.0343511	53.8101522	0.0000000
fixed	GroupV2	0.0133673	0.0302618	0.4417219	0.6586904
fixed	GroupV3	0.0127936	0.0318883	0.4012001	0.6882728

Analyzing smallworldeness in atlas aal

[1] "V1" [1] "g clust : 0.30239898989899" [1] "g dist : 1.17398170730887" [1] "g clust : 0.29982082420864" [1] "g dist : 0.99303302047067" [1] "g clust : 0.358967082860386" [1] "g dist : 1.10303212199336" [1] "g clust : 0.284106891701828" [1] "g dist : 1.11481660041927" [1] "g clust : 0.139171421483503" [1] "g dist : 1.02282499241338" [1] "g clust : 0.387809085681426" [1] "g dist : 1.81479028862926" [1] "g clust : 0.305012558698264" [1] "g dist : 0.898308025685018" [1] "g clust : 0.455681142177275" [1] "g dist : 1.23602211996444" [1] "g clust : 0.501438848920863" [1] "g dist : 1.76690437714077" [1] "g clust : 0.280158069883527" [1] "g dist : 1.07640173271816" [1] "g clust : 0.528381515087571" [1] "g dist : 1.43433390341084" [1] "g clust : 0.410015497869043" [1] "g dist : 0.983742700548629" [1] "g clust : 0.38611319139831" [1] "g dist : 1.66626664998065" [1] "g clust : 0.509447387145229" [1] "g dist : 1.53903667817625" [1] "g clust : 0.228505291005291" [1] "g dist : 0.93842965028191" [1] "g clust : 0.251969342133277" [1] "g dist : 0.959256361448839" [1] "g clust : 0.595211173927502" [1] "g dist :

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 dist : 1.12736530442647" [1] "g clust : 0.411222136817832" [1] "g dist : 1.3317227170963" [1]
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 dist : 1.29160532992971" [1] "g clust : 0.32712215320911" [1] "g dist : 1.11662852160029"
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 dist : 1.11891316138322" [1] "g clust : 0.300471327572663" [1] "g dist : 1.09960646263304"
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 [1] "g clust : 0.370834240906121" [1] "g dist : 1.65241019655721" [1] "g clust :
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 "g clust : 0.352466367713004" [1] "g dist : 1.45520829538727" [1] "g clust : 0.314600948649206"
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 0.960101295531064" [1] "g clust : 0.318908748824083" [1] "g dist : 1.06638936101106"
 [1] "g clust : 0.378081432924014" [1] "g dist : 1.37962925178664" [1] "g clust :
 0.397618633756301" [1] "g dist : 1.29803872455544" [1] "g clust : 0.33890214797136" [1] "g
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0.445624937355919" [1] "g dist : 1.68430723853664" [1] "g clust : 0.399796195652174" [1] "g
dist : 1.55782062503602" [1] "g clust : 0.261607428754403" [1] "g dist : 1.26712482249031"
[1] "g clust : 0.310863300338303" [1] "g dist : 1.36935676395393" [1] "g clust :
0.383557800224467" [1] "g dist : 1.27509592895322" [1] "g clust : 0.246381927285563"
[1] "g dist : 0.968856034059667" [1] "g clust : 0.357960842260805" [1] "g dist :
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Group ■ V1 ■ V2 ■ V3

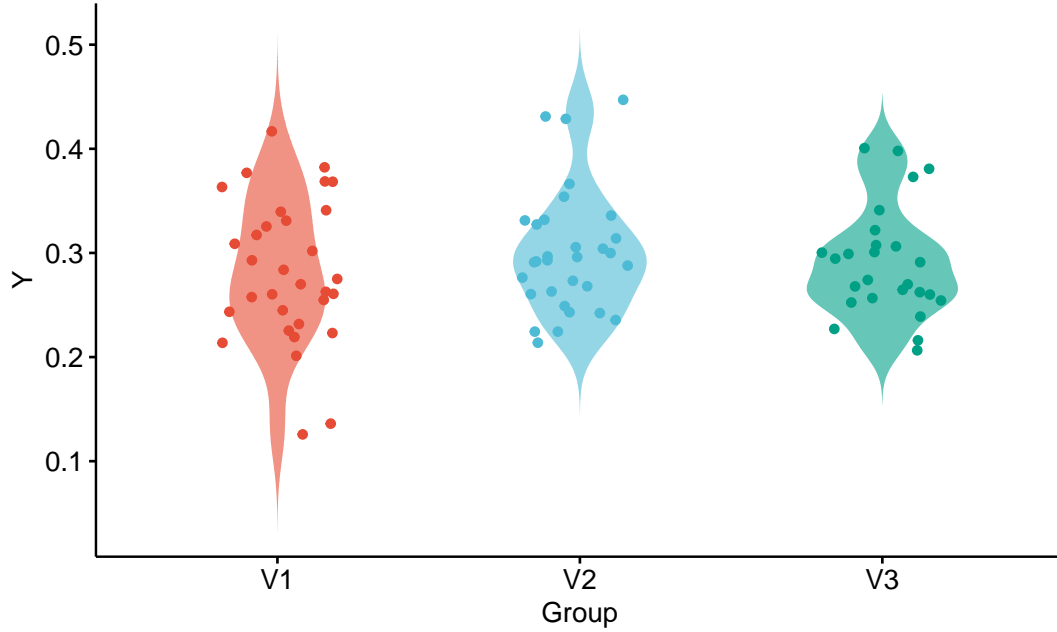


Table 3: Analyzing smallworldeness \sim Group + (1|id) : Atlas aal

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	-1.2752599	0.0438174	-29.1039846	0.0000000
fixed	GroupV2	0.0519292	0.0418382	1.2411913	0.2145351
fixed	GroupV3	0.0397753	0.0442809	0.8982495	0.3690526

Analyzing betweenness in atlas harvard_oxford

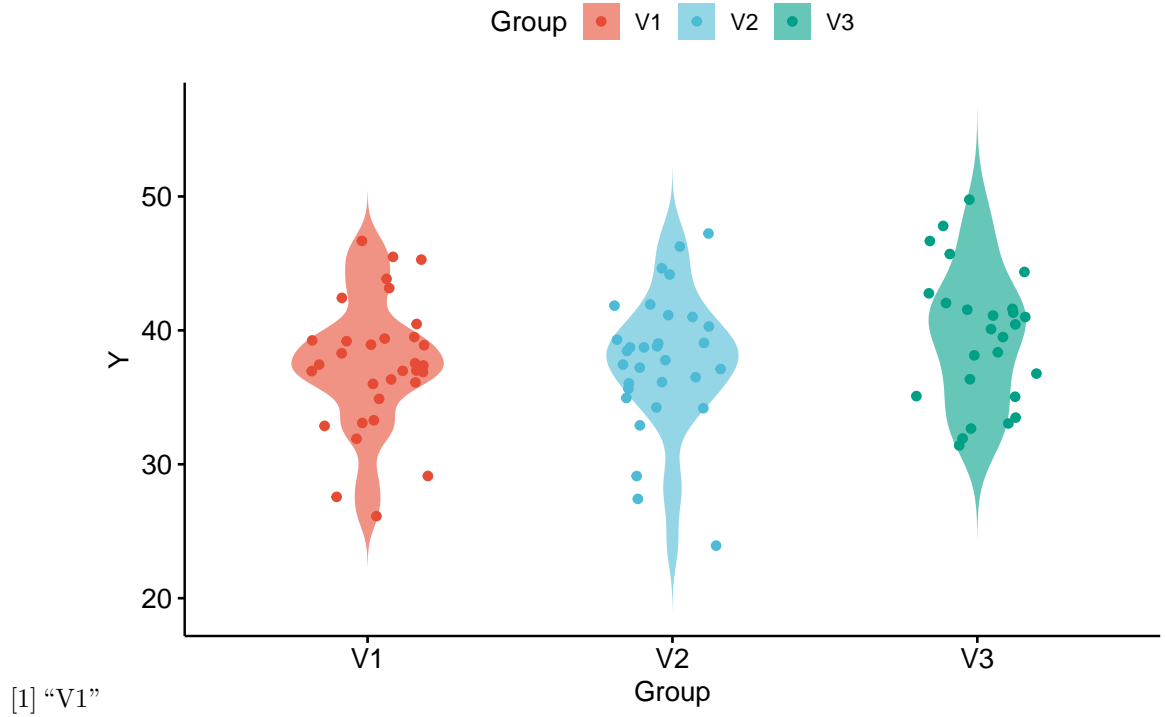


Table 4: Analyzing betweenness ~ Group + (1|id) : Atlas harvard_oxford

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	3.6204992	0.0268993	134.5946539	0.0000000
fixed	GroupV2	0.0076445	0.0270764	0.2823322	0.7776888
fixed	GroupV3	0.0490388	0.0286261	1.7130810	0.0866976

Analyzing strength in atlas harvard_oxford

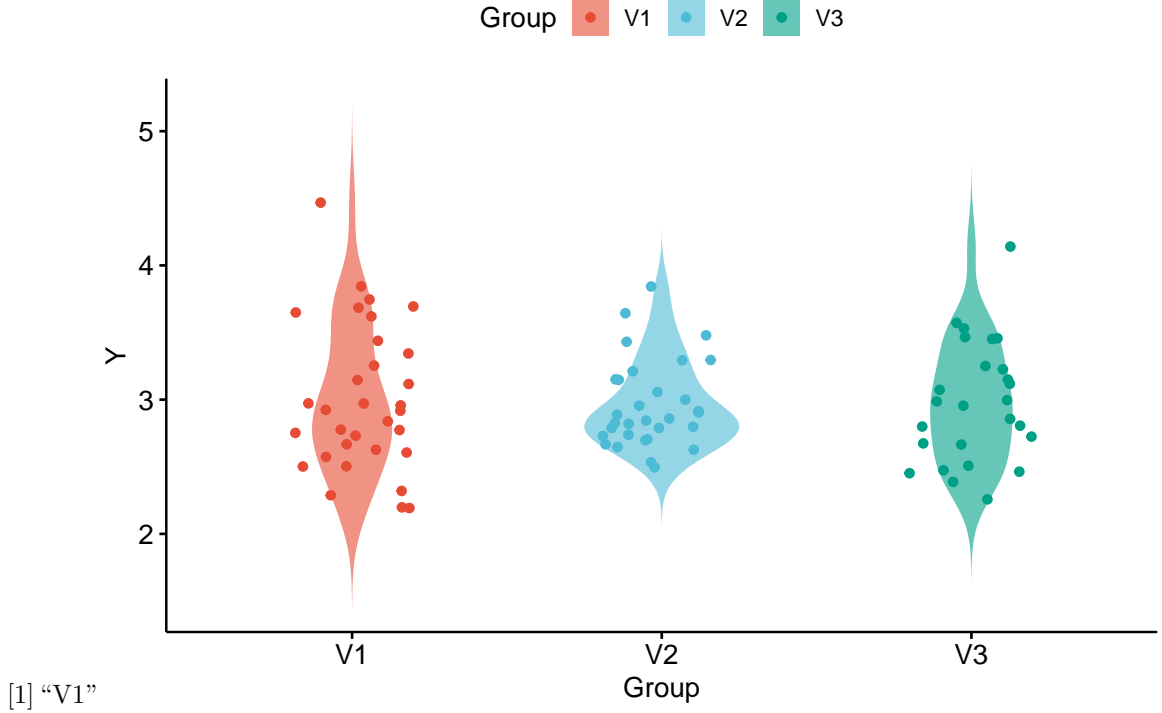


Table 5: Analyzing strength \sim Group + (1|id) : Atlas harvard_oxford

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	1.0818730	0.0303173	35.6849627	0.0000000
fixed	GroupV2	0.0075657	0.0288634	0.2621219	0.7932275
fixed	GroupV3	0.0033236	0.0303586	0.1094773	0.9128239

Analyzing smallworldeness in atlas harvard_oxford

[1] "V1" [1] "g clust : 0.175221238938053" [1] "g dist : 1.60683061745432" [1] "g clust : 0.200636942675159" [1] "g dist : 1.46880498763853" [1] "g clust : 0.217462932454695" [1] "g dist : 1.32684152591519" [1] "g clust : 0.224872231686542" [1] "g dist : 1.56233643045748" [1] "g clust : 0.272727272727273" [1] "g dist : 1.6137206784769" [1] "g clust : 0.25044404973357" [1] "g dist : 2.04787595976483" [1] "g clust : 0.247058823529412" [1] "g dist : 1.48689090284434" [1] "g clust : 0.207207207207207" [1] "g dist : 1.68259838368513" [1] "g clust : 0.239160839160839" [1] "g dist : 1.8297799107782" [1] "g clust : 0.180487804878049" [1] "g dist : 1.36105898876501" [1] "g clust : 0.32967032967033" [1] "g dist : 1.64372106088578" [1] "g clust : 0.18232044198895" [1] "g dist : 1.60335722276174" [1] "g clust : 0.232014388489209" [1] "g dist : 1.95695243507925" [1] "g clust : 0.21" [1] "g dist : 1.70991695333611" [1] "g clust : 0.221311475409836" [1] "g dist : 1.28572370278611" [1] "g clust : 0.116731517509728" [1] "g dist : 1.24018457549206"

[1] "g clust : 0.312862108922364" [1] "g dist : 2.01763638313385" [1] "g clust : 0.216393442622951" [1] "g dist : 1.40252807348724" [1] "g clust : 0.167630057803468" [1] "g dist : 1.27129294878043" [1] "g clust : 0.155258764607679" [1] "g dist : 1.83824350828134" [1] "g clust : 0.201526717557252" [1] "g dist : 1.51584649023694" [1] "g clust : 0.161849710982659" [1] "g dist : 1.39032822281423" [1] "g clust : 0.215867158671587" [1] "g dist : 2.08805414126993" [1] "g clust : 0.271954674220963" [1] "g dist : 1.63930479074136" [1] "g clust : 0.169260700389105" [1] "g dist : 2.21653773398791" [1] "g clust : 0.200392927308448" [1] "g dist : 2.1960493822433" [1] "g clust : 0.205287713841369" [1] "g dist : 1.61333927350451" [1] "g clust : 0.184534270650264" [1] "g dist : 1.53607304454102" [1] "g clust : 0.185741088180113" [1] "g dist : 1.53074929382821" [1] "g clust : 0.195205479452055" [1] "g dist : 1.56712442788139" [1] "g clust : 0.156716417910448" [1] "g dist : 1.21740700481594" [1] "g clust : 0.166965888689408" [1] "g dist : 1.23554594885324" [1] "g clust : 0.210350584307179" [1] "g dist : 1.57222752389646" [1] "g clust : 0.236514522821577" [1] "g dist : 1.874887754143" [1] "g clust : 0.19646017699115" [1] "g dist : 1.59101994095217" [1] "g clust : 0.146484375" [1] "g dist : 1.73285698391683" [1] "g clust : 0.230357142857143" [1] "g dist : 1.4269018713188" [1] "g clust : 0.229274611398964" [1] "g dist : 1.64006515712795" [1] "g clust : 0.139240506329114" [1] "g dist : 1.75017351384324" [1] "g clust : 0.146341463414634" [1] "g dist : 1.49735497711361" [1] "g clust : 0.167796610169492" [1] "g dist : 1.33698843476258" [1] "g clust : 0.2784" [1] "g dist : 2.19506255027313" [1] "g clust : 0.339541547277937" [1] "g dist : 1.47559832209765" [1] "g clust : 0.236389684813754" [1] "g dist : 1.25239508428225" [1] "g clust : 0.184357541899441" [1] "g dist : 1.70906404190033" [1] "g clust : 0.173764906303237" [1] "g dist : 1.63909099669798" [1] "g clust : 0.191387559808612" [1] "g dist : 1.32657471621078" [1] "g clust : 0.225274725274725" [1] "g dist : 1.73253280557613" [1] "g clust : 0.23321554770318" [1] "g dist : 1.7826636816054" [1] "g clust : 0.385085574572127" [1] "g dist : 1.50178898519008" [1] "g clust : 0.159049360146252" [1] "g dist : 1.48168129607099" [1] "g clust : 0.153564899451554" [1] "g dist : 1.33408046843428" [1] "g clust : 0.181651376146789" [1] "g dist : 1.62090668317043" [1] "g clust : 0.14974182444062" [1] "g dist : 1.46225539089257" [1] "g clust : 0.181318681318681" [1] "g dist : 1.80533531233308" [1] "g clust : 0.234586466165414" [1] "g dist : 1.78305816238271" [1] "g clust : 0.146484375" [1] "g dist : 1.7407036296647" [1] "g clust : 0.200342465753425" [1] "g dist : 1.40219737716423" [1] "g clust : 0.224872231686542" [1] "g dist : 1.72679308112938" [1] "g clust : 0.186407766990291" [1] "g dist : 1.70068559149801" [1] "g clust : 0.240740740740741" [1] "g dist : 1.90828460153907" [1] "g clust : 0.200342465753425" [1] "g dist : 1.52013341673095" [1] "g clust : 0.189627228525122" [1] "g dist : 1.48054826253312" [1] "g clust : 0.213084112149533" [1] "g dist : 1.53960835886818" [1] "g clust : 0.301237964236589" [1] "g dist : 1.99392802287371" [1] "g clust : 0.330882352941176" [1] "g dist : 1.62834905644982" [1] "g clust : 0.20479704797048" [1] "g dist : 1.72400781215556" [1] "g clust : 0.222030981067126" [1] "g dist : 1.60430184674985" [1] "g clust : 0.162872154115587" [1] "g dist : 1.82996634158535" [1] "g clust : 0.361904761904762" [1] "g dist : 1.95330660569682" [1] "g clust : 0.217257318952234" [1] "g dist : 1.58071107122264" [1] "g clust : 0.128731343283582" [1] "g dist : 1.29096877051106" [1] "g clust : 0.341945288753799" [1] "g dist : 2.14407690928599" [1] "g clust : 0.139405204460967" [1] "g dist : 1.24734374594109" [1] "g clust : 0.172006745362563" [1] "g dist : 1.34498961986315" [1] "g clust : 0.281399046104928" [1] "g dist : 1.95288783889828" [1] "g clust : 0.224522292993631" [1] "g dist : 1.6962045979936" [1] "g clust : 0.185185185185185" [1] "g dist : 1.85562596285822" [1] "g clust : 0.153564899451554" [1] "g dist : 1.19979221005589" [1] "g clust : 0.182926829268293" [1] "g dist : 1.69188083421781" [1] "g clust :

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dist : 1.90782547734252" [1] "g clust : 0.192" [1] "g dist : 1.50501237926276" [1] "g clust :
0.271739130434783" [1] "g dist : 1.73906002363773" [1] "g clust : 0.139830508474576" [1] "g
dist : 1.70687832628876" [1] "g clust : 0.240837696335079" [1] "g dist : 1.96308019484336" [1]
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Group ● V1 ● V2 ● V3

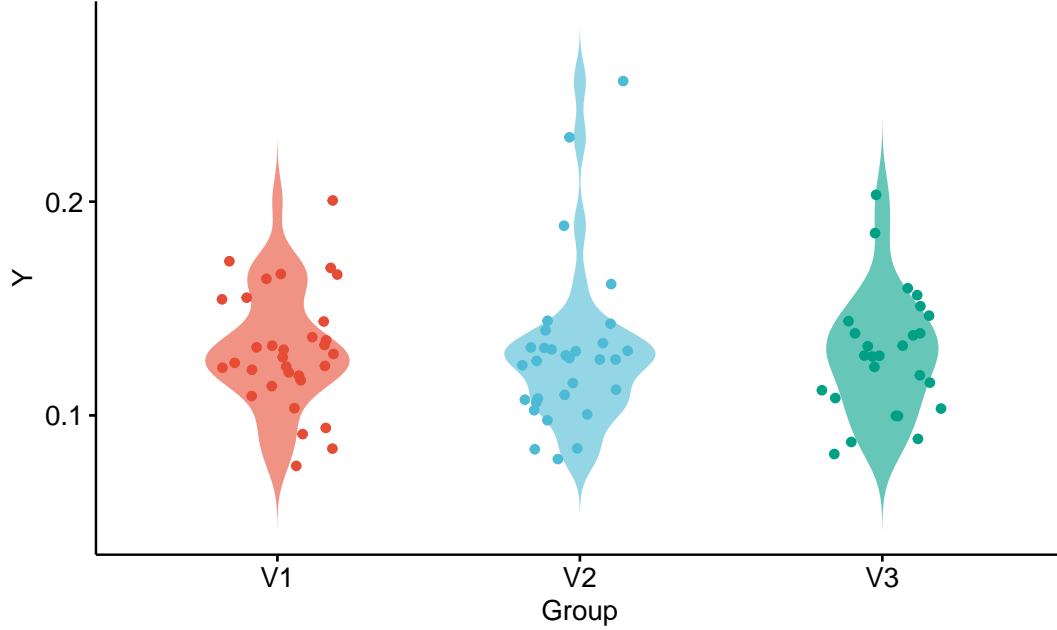


Table 6: Analyzing smallworldeness \sim Group + (1|id) : Atlas harvard_oxford

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	-2.0387336	0.0475288	-42.8947334	0.0000000
fixed	GroupV2	-0.0258879	0.0475484	-0.5444540	0.5861291
fixed	GroupV3	-0.0103334	0.0499743	-0.2067754	0.8361853

Analyzing betweenness in atlas msdl

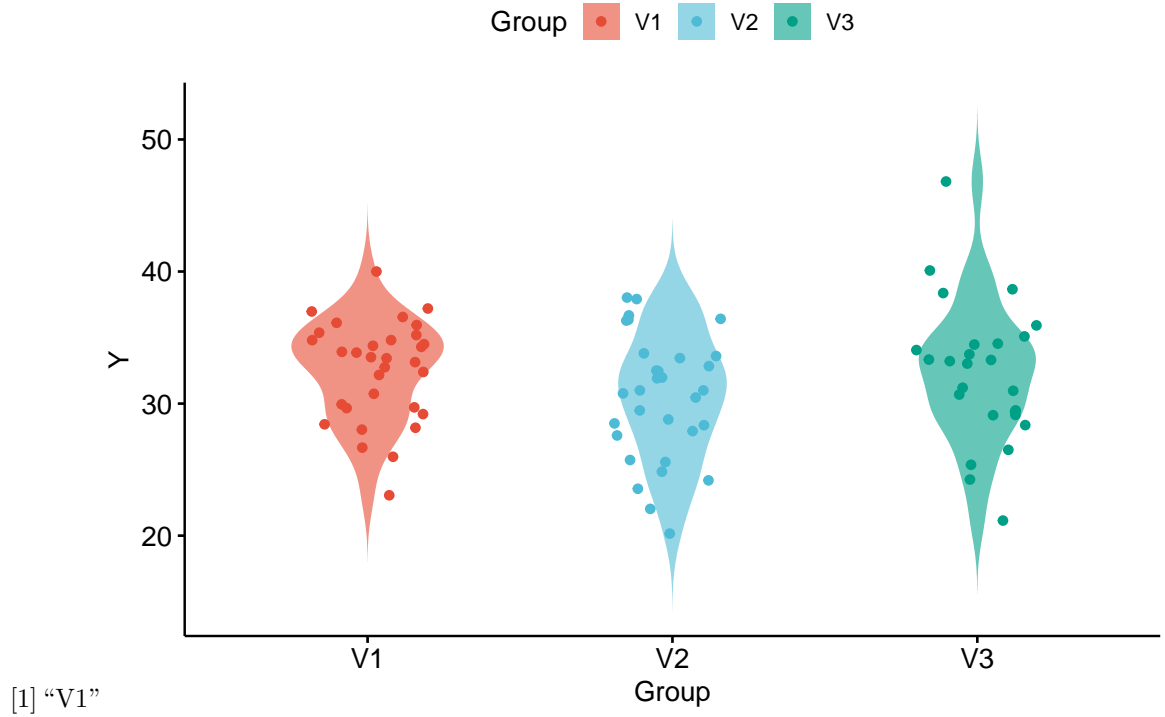


Table 7: Analyzing betweenness ~ Group + (1|id) : Atlas msdl

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	3.4784797	0.0304525	114.2264100	0.0000000
fixed	GroupV2	-0.0749088	0.0271421	-2.7598760	0.0057823
fixed	GroupV3	-0.0101070	0.0287148	-0.3519795	0.7248536

Analyzing strength in atlas msdl

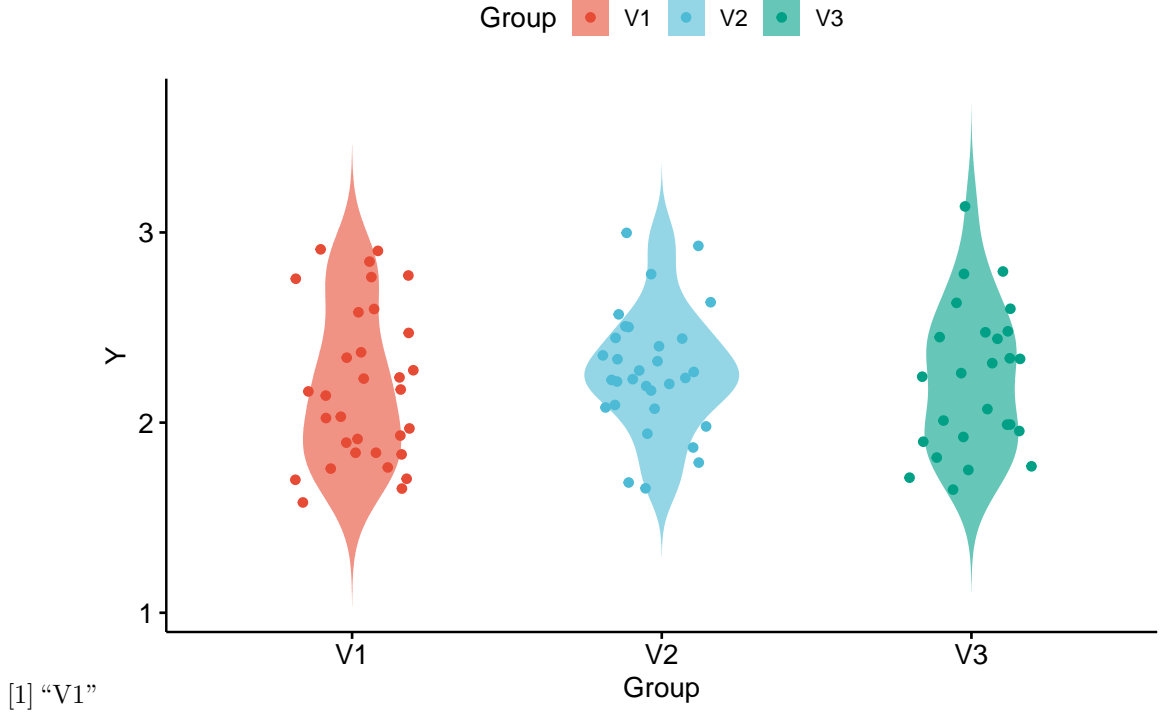


Table 8: Analyzing strength ~ Group + (1|id) : Atlas msdl

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	0.7573708	0.0357207	21.202590	0.0000000
fixed	GroupV2	0.0675715	0.0296744	2.277099	0.0227803
fixed	GroupV3	0.0343184	0.0312985	1.096488	0.2728651

Analyzing smallworldeness in atlas msdl

[1] "V1" [1] "g clust : 0.188811188811189" [1] "g dist : 1.4350517087079" [1] "g clust : 0.0555555555555556" [1] "g dist : 1.37717273952108" [1] "g clust : 0.235109717868339" [1] "g dist : 1.4793203917118" [1] "g clust : 0.166666666666667" [1] "g dist : 1.48549577972938" [1] "g clust : 0.154761904761905" [1] "g dist : 1.21615268379434" [1] "g clust : 0.225255972696246" [1] "g dist : 2.05272028549861" [1] "g clust : 0.146067415730337" [1] "g dist : 1.29150530032436" [1] "g clust : 0.0964285714285714" [1] "g dist : 1.38745571013349" [1] "g clust : 0.181528662420382" [1] "g dist : 1.74274813354618" [1] "g clust : 0.193846153846154" [1] "g dist : 1.41242137008443" [1] "g clust : 0.300940438871473" [1] "g dist : 1.72541852933855" [1] "g clust : 0.142335766423358" [1] "g dist : 1.18615008720032" [1] "g clust : 0.126623376623377" [1] "g dist : 1.5880375838472" [1] "g clust : 0.359649122807018" [1] "g dist : 2.19366221290667" [1] "g clust : 0.08203125" [1] "g dist : 1.18108874772084" [1] "g clust : 0.192567567567568" [1] "g dist : 1.39372187687536" [1] "g clust : 0.310626702997275" [1] "g dist : 2.19474355829824" [1] "g clust :

0.2222222222222222" [1] "g dist : 1.29445705862688" [1] "g clust : 0.137254901960784" [1] "g
 dist : 1.15663198119255" [1] "g clust : 0.170658682634731" [1] "g dist : 1.81444739283151"
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 "g dist : 2.04731373568271" [1] "g clust : 0.236301369863014" [1] "g dist : 1.67405113778987"
 [1] "g clust : 0.0979591836734694" [1] "g dist : 2.02594261439412" [1] "g clust :
 0.231543624161074" [1] "g dist : 2.03865122610632" [1] "g clust : 0.117647058823529" [1] "g
 dist : 1.39067297901896" [1] "g clust : 0.138297872340426" [1] "g dist : 1.5898740744709"
 [1] "g clust : 0.0869565217391304" [1] "g dist : 1.48461039167224" [1] "g clust :
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 dist : 1.42576713604898" [1] "g clust : 0.196551724137931" [1] "g dist : 1.25529730331388" [1]
 "g clust : 0.137404580152672" [1] "g dist : 1.4926732942776" [1] "g clust : 0.236619718309859"
 [1] "g dist : 1.66435097177509" [1] "g clust : 0.274390243902439" [1] "g dist :
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 dist : 1.45980502830304" [1] "g clust : 0.307453416149068" [1] "g dist : 1.61110418287705"
 [1] "g clust : 0.416666666666667" [1] "g dist : 1.66623212936366" [1] "g clust :
 0.139285714285714" [1] "g dist : 1.976372429958" [1] "g clust : 0.247058823529412" [1] "g
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 [1] "g clust : 0.145631067961165" [1] "g dist : 1.52916557093467" [1] "g clust :
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 [1] "g clust : 0.114503816793893" [1] "g dist : 1.63133720161706" [1] "g clust :
 0.260450160771704" [1] "g dist : 1.28586936813317" [1] "g clust : 0.177570093457944" [1] "g
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 [1] "g clust : 0.0885608856088561" [1] "g dist : 1.27732167435746" [1] "g clust :
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 "g clust : 0.131386861313869" [1] "g dist : 1.93342878361726" [1] "g clust : 0.155339805825243"
 [1] "g dist : 1.28894199482365" [1] "g clust : 0.15" [1] "g dist : 2.00225151438473" [1] "g clust
 : 0.0895522388059701" [1] "g dist : 1.54415528580179" [1] "g clust : 0.0964285714285714" [1]
 "g dist : 1.7532404200815" [1] "g clust : 0.193220338983051" [1] "g dist : 1.52453032105201"
 [1] "g clust : 0.231543624161074" [1] "g dist : 1.36273013726698" [1] "g clust :
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 clust : 0.1284046692607" [1] "g dist : 1.46492697236139" [1] "g clust : 0.203389830508475" [1]
 "g dist : 1.80954886633633" [1] "g clust : 0.227848101265823" [1] "g dist : 1.71509641679145"
 [1] "g clust : 0.127450980392157" [1] "g dist : 1.10985721617907" [1] "g clust :
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 dist : 2.31042605165315" [1] "g clust : 0.18595041322314" [1] "g dist : 1.73765774971644" [1]

“g clust : 0.0368852459016393” [1] “g dist : 1.5524483635249” [1] “g clust : 0.12448132780083”
 [1] “g dist : 1.59388335838707” [1] “g clust : 0.0996309963099631” [1] “g dist :
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 clust : 0.0674157303370786” [1] “g dist : 1.36490171911083” [1] “g clust : 0.16875” [1] “g
 dist : 1.52141686463208” [1] “g clust : 0.289719626168224” [1] “g dist : 1.45855293605987”

Group ■ V1 ■ V2 ■ V3

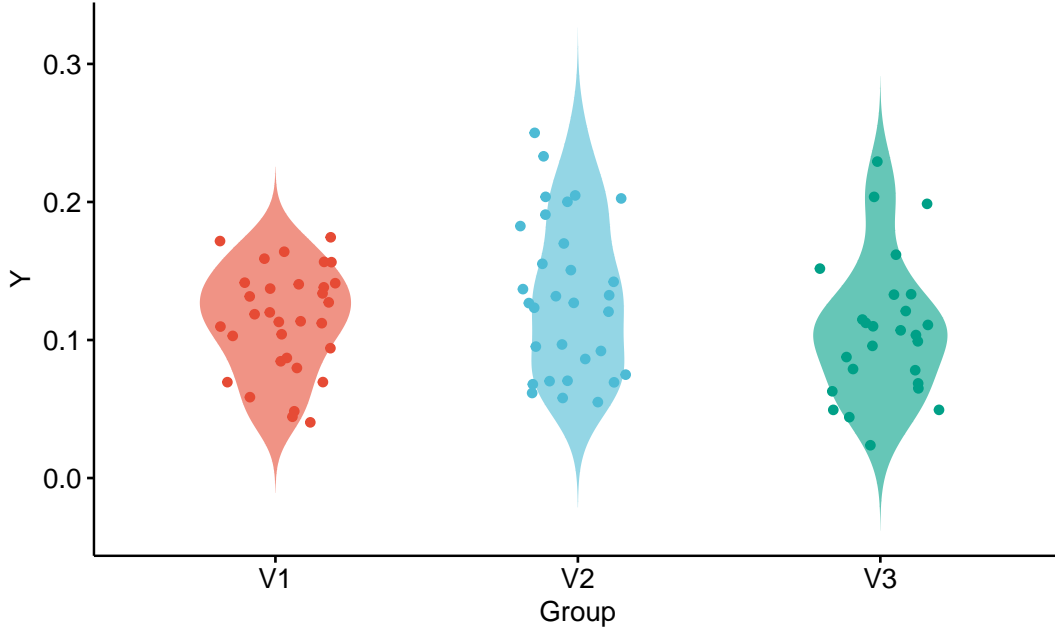


Table 9: Analyzing smallworldeness \sim Group + (1|id) : Atlas msdl

effect	term	estimate	std.error	statistic	p.value
fixed	(Intercept)	-2.2305345	0.0891692	-25.0146335	0.0000000
fixed	GroupV2	0.1030327	0.0772474	1.3338022	0.1822687
fixed	GroupV3	-0.0769178	0.0821250	-0.9365946	0.3489671