

# Figure 4

Figure 4D (Event frequency)

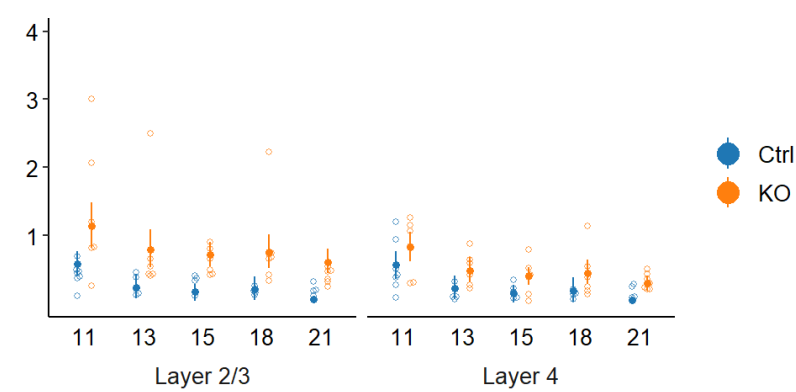


Table: ANOVA table before bootstrapping

	Sum Sq	Df	F value	Pr(>F)
(Intercept)	5.152	1	34.336	0.000
group	4.322	1	28.806	0.000
f.age	3.907	4	6.510	0.000
f.layer	0.004	1	0.025	0.876
group:f.layer	0.626	1	4.176	0.043
Residuals	16.054	107	NA	NA

Table: Main effect after bootstrapping

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
Ctrl - KO	-0.404	-0.407	0.95	-0.556	-0.276	1	0

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
f.age11 - f.age13	0.340	0.338	0.95	0.055	0.613	0.991	0.019
f.age11 - f.age15	0.417	0.422	0.95	0.201	0.669	1.000	0.000
f.age11 - f.age18	0.373	0.373	0.95	0.104	0.648	0.997	0.007
f.age11 - f.age21	0.523	0.527	0.95	0.307	0.778	1.000	0.000
f.age13 - f.age15	0.074	0.084	0.95	-0.086	0.306	0.790	0.420
f.age13 - f.age18	0.033	0.035	0.95	-0.203	0.289	0.605	0.790
f.age13 - f.age21	0.179	0.189	0.95	0.024	0.419	0.990	0.020
f.age15 - f.age18	-0.042	-0.049	0.95	-0.249	0.118	0.679	0.642
f.age15 - f.age21	0.105	0.106	0.95	-0.010	0.225	0.964	0.072
f.age18 - f.age21	0.146	0.154	0.95	-0.002	0.358	0.973	0.053

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
f.layer2 - f.layer4	0.162	0.164	0.95	0.04	0.302	0.996	0.008

Table: Post-hoc comparison with bootstrapping output

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	---:	-----:
K0 - Ctrl, 2, 11	0.548	0.555	0.555	0.95	0.336	0.805	1	0.000
K0 - Ctrl, 4, 11	0.260	0.260	0.260	0.95	0.125	0.395	1	0.001
K0 - Ctrl, 2, 13	0.548	0.555	0.555	0.95	0.336	0.805	1	0.000
K0 - Ctrl, 4, 13	0.260	0.260	0.260	0.95	0.125	0.395	1	0.001
K0 - Ctrl, 2, 15	0.548	0.555	0.555	0.95	0.336	0.805	1	0.000
K0 - Ctrl, 4, 15	0.260	0.260	0.260	0.95	0.125	0.395	1	0.001
K0 - Ctrl, 2, 18	0.548	0.555	0.555	0.95	0.336	0.805	1	0.000
K0 - Ctrl, 4, 18	0.260	0.260	0.260	0.95	0.125	0.395	1	0.001
K0 - Ctrl, 2, 21	0.548	0.555	0.555	0.95	0.336	0.805	1	0.000
K0 - Ctrl, 4, 21	0.260	0.260	0.260	0.95	0.125	0.395	1	0.001

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
f.age11 - f.age13, Ctrl, 2	0.340	0.338	0.338	0.95	0.055	0.613	0.991	0.019
f.age11 - f.age15, Ctrl, 2	0.417	0.422	0.422	0.95	0.201	0.669	1.000	0.000
f.age11 - f.age18, Ctrl, 2	0.373	0.373	0.373	0.95	0.104	0.648	0.997	0.007
f.age11 - f.age21, Ctrl, 2	0.523	0.527	0.527	0.95	0.307	0.778	1.000	0.000
f.age13 - f.age15, Ctrl, 2	0.074	0.084	0.084	0.95	-0.086	0.306	0.790	0.420
f.age13 - f.age18, Ctrl, 2	0.033	0.035	0.035	0.95	-0.203	0.289	0.605	0.790
f.age13 - f.age21, Ctrl, 2	0.179	0.189	0.189	0.95	0.024	0.419	0.990	0.020
f.age15 - f.age18, Ctrl, 2	-0.042	-0.049	-0.049	0.95	-0.249	0.118	0.679	0.642
f.age15 - f.age21, Ctrl, 2	0.105	0.106	0.106	0.95	-0.010	0.225	0.964	0.072
f.age18 - f.age21, Ctrl, 2	0.146	0.154	0.154	0.95	-0.002	0.358	0.973	0.053
f.age11 - f.age13, K0, 2	0.340	0.338	0.338	0.95	0.055	0.613	0.991	0.019
f.age11 - f.age15, K0, 2	0.417	0.422	0.422	0.95	0.201	0.669	1.000	0.000
f.age11 - f.age18, K0, 2	0.373	0.373	0.373	0.95	0.104	0.648	0.997	0.007
f.age11 - f.age21, K0, 2	0.523	0.527	0.527	0.95	0.307	0.778	1.000	0.000
f.age13 - f.age15, K0, 2	0.074	0.084	0.084	0.95	-0.086	0.306	0.790	0.420
f.age13 - f.age18, K0, 2	0.033	0.035	0.035	0.95	-0.203	0.289	0.605	0.790
f.age13 - f.age21, K0, 2	0.179	0.189	0.189	0.95	0.024	0.419	0.990	0.020
f.age15 - f.age18, K0, 2	-0.042	-0.049	-0.049	0.95	-0.249	0.118	0.679	0.642
f.age15 - f.age21, K0, 2	0.105	0.106	0.106	0.95	-0.010	0.225	0.964	0.072
f.age18 - f.age21, K0, 2	0.146	0.154	0.154	0.95	-0.002	0.358	0.973	0.053
f.age11 - f.age13, Ctrl, 4	0.340	0.338	0.338	0.95	0.055	0.613	0.991	0.019
f.age11 - f.age15, Ctrl, 4	0.417	0.422	0.422	0.95	0.201	0.669	1.000	0.000
f.age11 - f.age18, Ctrl, 4	0.373	0.373	0.373	0.95	0.104	0.648	0.997	0.007
f.age11 - f.age21, Ctrl, 4	0.523	0.527	0.527	0.95	0.307	0.778	1.000	0.000
f.age13 - f.age15, Ctrl, 4	0.074	0.084	0.084	0.95	-0.086	0.306	0.790	0.420
f.age13 - f.age18, Ctrl, 4	0.033	0.035	0.035	0.95	-0.203	0.289	0.605	0.790
f.age13 - f.age21, Ctrl, 4	0.179	0.189	0.189	0.95	0.024	0.419	0.990	0.020
f.age15 - f.age18, Ctrl, 4	-0.042	-0.049	-0.049	0.95	-0.249	0.118	0.679	0.642
f.age15 - f.age21, Ctrl, 4	0.105	0.106	0.106	0.95	-0.010	0.225	0.964	0.072
f.age18 - f.age21, Ctrl, 4	0.146	0.154	0.154	0.95	-0.002	0.358	0.973	0.053
f.age11 - f.age13, K0, 4	0.340	0.338	0.338	0.95	0.055	0.613	0.991	0.019
f.age11 - f.age15, K0, 4	0.417	0.422	0.422	0.95	0.201	0.669	1.000	0.000
f.age11 - f.age18, K0, 4	0.373	0.373	0.373	0.95	0.104	0.648	0.997	0.007
f.age11 - f.age21, K0, 4	0.523	0.527	0.527	0.95	0.307	0.778	1.000	0.000
f.age13 - f.age15, K0, 4	0.074	0.084	0.084	0.95	-0.086	0.306	0.790	0.420
f.age13 - f.age18, K0, 4	0.033	0.035	0.035	0.95	-0.203	0.289	0.605	0.790
f.age13 - f.age21, K0, 4	0.179	0.189	0.189	0.95	0.024	0.419	0.990	0.020
f.age15 - f.age18, K0, 4	-0.042	-0.049	-0.049	0.95	-0.249	0.118	0.679	0.642
f.age15 - f.age21, K0, 4	0.105	0.106	0.106	0.95	-0.010	0.225	0.964	0.072
f.age18 - f.age21, K0, 4	0.146	0.154	0.154	0.95	-0.002	0.358	0.973	0.053

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
f.layer4 - f.layer2, Ctrl, 11	-0.019	-0.017	-0.017	0.95	-0.131	0.106	0.625	0.750
f.layer4 - f.layer2, K0, 11	-0.308	-0.312	-0.312	0.95	-0.559	-0.093	0.998	0.004
f.layer4 - f.layer2, Ctrl, 13	-0.019	-0.017	-0.017	0.95	-0.131	0.106	0.625	0.750

f.layer4 - f.layer2, KO, 13		-0.308		-0.312		-0.312		0.95		-0.559		-0.093		0.998		0.004	
f.layer4 - f.layer2, Ctrl, 15		-0.019		-0.017		-0.017		0.95		-0.131		0.106		0.625		0.750	
f.layer4 - f.layer2, KO, 15		-0.308		-0.312		-0.312		0.95		-0.559		-0.093		0.998		0.004	
f.layer4 - f.layer2, Ctrl, 18		-0.019		-0.017		-0.017		0.95		-0.131		0.106		0.625		0.750	
f.layer4 - f.layer2, KO, 18		-0.308		-0.312		-0.312		0.95		-0.559		-0.093		0.998		0.004	
f.layer4 - f.layer2, Ctrl, 21		-0.019		-0.017		-0.017		0.95		-0.131		0.106		0.625		0.750	
f.layer4 - f.layer2, KO, 21		-0.308		-0.312		-0.312		0.95		-0.559		-0.093		0.998		0.004	

Figure 4E (Synchrony frequency)

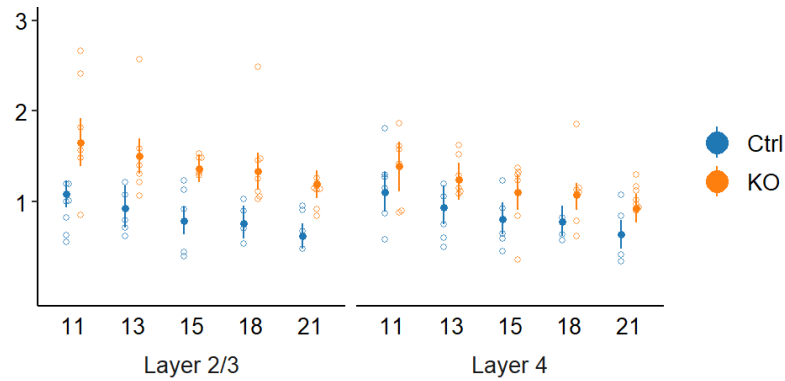


Table: ANOVA table before bootstrapping

	F	Df	Df.res	Pr(>F)
(Intercept)	133.152	1	58.512	0.000
f.age	5.896	4	102.491	0.000
group	33.032	1	23.249	0.000
f.layer	0.025	1	97.216	0.876
group:f.layer	4.950	1	97.518	0.028

Table: Main effect after bootstrapping

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
Ctrl - KO	-0.43	-0.427	0.95	-0.597	-0.225	1	0.001

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
f.age11 - f.age13	0.157	0.152	0.95	-0.161	0.435	0.844	0.312
f.age11 - f.age15	0.294	0.291	0.95	0.073	0.500	0.994	0.012
f.age11 - f.age18	0.319	0.318	0.95	0.069	0.559	0.993	0.014
f.age11 - f.age21	0.461	0.459	0.95	0.250	0.664	1.000	0.000
f.age13 - f.age15	0.139	0.140	0.95	-0.017	0.297	0.958	0.083
f.age13 - f.age18	0.165	0.167	0.95	-0.049	0.390	0.937	0.125
f.age13 - f.age21	0.301	0.307	0.95	0.122	0.528	1.000	0.000
f.age15 - f.age18	0.032	0.027	0.95	-0.184	0.210	0.614	0.772
f.age15 - f.age21	0.166	0.168	0.95	0.059	0.284	1.000	0.001
f.age18 - f.age21	0.140	0.140	0.95	0.007	0.277	0.979	0.042

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
f.layer2 - f.layer4	0.12	0.12	0.95	0.013	0.231	0.984	0.032

Table: Post-hoc comparison with bootstrapping output

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
K0 - Ctrl, 2, 11	0.576	0.568	0.568	0.95	0.331	0.751	0.999	0.002
K0 - Ctrl, 4, 11	0.293	0.286	0.286	0.95	0.042	0.493	0.987	0.025
K0 - Ctrl, 2, 13	0.576	0.568	0.568	0.95	0.331	0.751	0.999	0.002
K0 - Ctrl, 4, 13	0.293	0.286	0.286	0.95	0.042	0.493	0.987	0.025
K0 - Ctrl, 2, 15	0.576	0.568	0.568	0.95	0.331	0.751	0.999	0.002
K0 - Ctrl, 4, 15	0.293	0.286	0.286	0.95	0.042	0.493	0.987	0.025
K0 - Ctrl, 2, 18	0.576	0.568	0.568	0.95	0.331	0.751	0.999	0.002
K0 - Ctrl, 4, 18	0.293	0.286	0.286	0.95	0.042	0.493	0.987	0.025
K0 - Ctrl, 2, 21	0.576	0.568	0.568	0.95	0.331	0.751	0.999	0.002
K0 - Ctrl, 4, 21	0.293	0.286	0.286	0.95	0.042	0.493	0.987	0.025

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
f.age11 - f.age13, Ctrl, 2	0.157	0.152	0.152	0.95	-0.161	0.435	0.844	0.312
f.age11 - f.age15, Ctrl, 2	0.294	0.291	0.291	0.95	0.073	0.500	0.994	0.012
f.age11 - f.age18, Ctrl, 2	0.319	0.318	0.318	0.95	0.069	0.559	0.993	0.014
f.age11 - f.age21, Ctrl, 2	0.461	0.459	0.459	0.95	0.250	0.664	1.000	0.000
f.age13 - f.age15, Ctrl, 2	0.139	0.140	0.140	0.95	-0.017	0.297	0.958	0.083
f.age13 - f.age18, Ctrl, 2	0.165	0.167	0.167	0.95	-0.049	0.390	0.937	0.125
f.age13 - f.age21, Ctrl, 2	0.301	0.307	0.307	0.95	0.122	0.528	1.000	0.000
f.age15 - f.age18, Ctrl, 2	0.032	0.027	0.027	0.95	-0.184	0.210	0.614	0.772
f.age15 - f.age21, Ctrl, 2	0.166	0.168	0.168	0.95	0.059	0.284	1.000	0.001
f.age18 - f.age21, Ctrl, 2	0.140	0.140	0.140	0.95	0.007	0.277	0.979	0.042
f.age11 - f.age13, K0, 2	0.157	0.152	0.152	0.95	-0.161	0.435	0.844	0.312
f.age11 - f.age15, K0, 2	0.294	0.291	0.291	0.95	0.073	0.500	0.994	0.012
f.age11 - f.age18, K0, 2	0.319	0.318	0.318	0.95	0.069	0.559	0.993	0.014
f.age11 - f.age21, K0, 2	0.461	0.459	0.459	0.95	0.250	0.664	1.000	0.000
f.age13 - f.age15, K0, 2	0.139	0.140	0.140	0.95	-0.017	0.297	0.958	0.083
f.age13 - f.age18, K0, 2	0.165	0.167	0.167	0.95	-0.049	0.390	0.937	0.125
f.age13 - f.age21, K0, 2	0.301	0.307	0.307	0.95	0.122	0.528	1.000	0.000
f.age15 - f.age18, K0, 2	0.032	0.027	0.027	0.95	-0.184	0.210	0.614	0.772
f.age15 - f.age21, K0, 2	0.166	0.168	0.168	0.95	0.059	0.284	1.000	0.001
f.age18 - f.age21, K0, 2	0.140	0.140	0.140	0.95	0.007	0.277	0.979	0.042
f.age11 - f.age13, Ctrl, 4	0.157	0.152	0.152	0.95	-0.161	0.435	0.844	0.312
f.age11 - f.age15, Ctrl, 4	0.294	0.291	0.291	0.95	0.073	0.500	0.994	0.012
f.age11 - f.age18, Ctrl, 4	0.319	0.318	0.318	0.95	0.069	0.559	0.993	0.014
f.age11 - f.age21, Ctrl, 4	0.461	0.459	0.459	0.95	0.250	0.664	1.000	0.000
f.age13 - f.age15, Ctrl, 4	0.139	0.140	0.140	0.95	-0.017	0.297	0.958	0.083
f.age13 - f.age18, Ctrl, 4	0.165	0.167	0.167	0.95	-0.049	0.390	0.937	0.125
f.age13 - f.age21, Ctrl, 4	0.301	0.307	0.307	0.95	0.122	0.528	1.000	0.000
f.age15 - f.age18, Ctrl, 4	0.032	0.027	0.027	0.95	-0.184	0.210	0.614	0.772
f.age15 - f.age21, Ctrl, 4	0.166	0.168	0.168	0.95	0.059	0.284	1.000	0.001
f.age18 - f.age21, Ctrl, 4	0.140	0.140	0.140	0.95	0.007	0.277	0.979	0.042
f.age11 - f.age13, K0, 4	0.157	0.152	0.152	0.95	-0.161	0.435	0.844	0.312
f.age11 - f.age15, K0, 4	0.294	0.291	0.291	0.95	0.073	0.500	0.994	0.012
f.age11 - f.age18, K0, 4	0.319	0.318	0.318	0.95	0.069	0.559	0.993	0.014
f.age11 - f.age21, K0, 4	0.461	0.459	0.459	0.95	0.250	0.664	1.000	0.000
f.age13 - f.age15, K0, 4	0.139	0.140	0.140	0.95	-0.017	0.297	0.958	0.083
f.age13 - f.age18, K0, 4	0.165	0.167	0.167	0.95	-0.049	0.390	0.937	0.125
f.age13 - f.age21, K0, 4	0.301	0.307	0.307	0.95	0.122	0.528	1.000	0.000
f.age15 - f.age18, K0, 4	0.032	0.027	0.027	0.95	-0.184	0.210	0.614	0.772
f.age15 - f.age21, K0, 4	0.166	0.168	0.168	0.95	0.059	0.284	1.000	0.001
f.age18 - f.age21, K0, 4	0.140	0.140	0.140	0.95	0.007	0.277	0.979	0.042

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
f.layer4 - f.layer2, Ctrl, 11	0.017	0.021	0.021	0.95	-0.12	0.183	0.593	0.814
f.layer4 - f.layer2, K0, 11	-0.256	-0.261	-0.261	0.95	-0.43	-0.111	0.998	0.003
f.layer4 - f.layer2, Ctrl, 13	0.017	0.021	0.021	0.95	-0.12	0.183	0.593	0.814

f.layer4 - f.layer2, KO, 13		-0.256	-0.261	-0.261	0.95	-0.43	-0.111	0.998	0.003
f.layer4 - f.layer2, Ctrl, 15		0.017	0.021	0.021	0.95	-0.12	0.183	0.593	0.814
f.layer4 - f.layer2, KO, 15		-0.256	-0.261	-0.261	0.95	-0.43	-0.111	0.998	0.003
f.layer4 - f.layer2, Ctrl, 18		0.017	0.021	0.021	0.95	-0.12	0.183	0.593	0.814
f.layer4 - f.layer2, KO, 18		-0.256	-0.261	-0.261	0.95	-0.43	-0.111	0.998	0.003
f.layer4 - f.layer2, Ctrl, 21		0.017	0.021	0.021	0.95	-0.12	0.183	0.593	0.814
f.layer4 - f.layer2, KO, 21		-0.256	-0.261	-0.261	0.95	-0.43	-0.111	0.998	0.003

Figure 4F (Silhouette value)

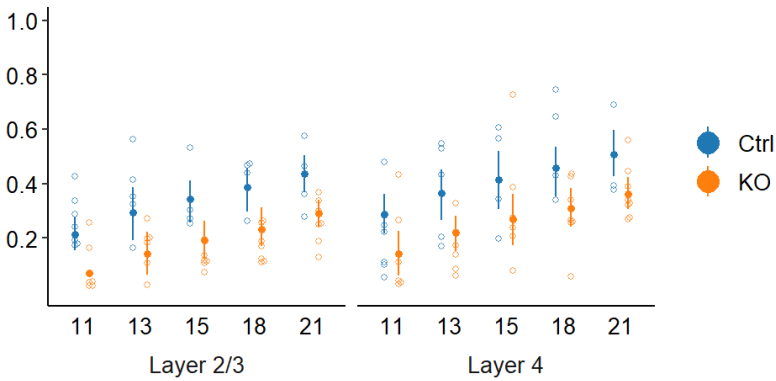


Table: ANOVA table before bootstrapping

	F	Df	Df.res	Pr(>F)
:-----	-----	--	-----	-----
(Intercept)	36.080	1	26.764	0.000
f.age	11.266	4	99.485	0.000
group	13.059	1	10.281	0.005
f.layer	11.036	1	95.720	0.001

Table: Main effect after bootstrapping

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
:-----	-----	-----	-----	-----	-----	-----	-----
Ctrl - KO	0.146	0.145	0.95	0.062	0.22	0.998	0.003

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
:-----	-----	-----	-----	-----	-----	-----	-----
f.age11 - f.age13	-0.077	-0.075	0.95	-0.168	0.034	0.919	0.161
f.age11 - f.age15	-0.125	-0.124	0.95	-0.219	-0.020	0.990	0.020
f.age11 - f.age18	-0.167	-0.167	0.95	-0.248	-0.084	1.000	0.000
f.age11 - f.age21	-0.221	-0.220	0.95	-0.288	-0.150	1.000	0.000
f.age13 - f.age15	-0.054	-0.049	0.95	-0.132	0.058	0.852	0.297
f.age13 - f.age18	-0.094	-0.092	0.95	-0.152	-0.020	0.992	0.015
f.age13 - f.age21	-0.145	-0.146	0.95	-0.216	-0.074	1.000	0.000
f.age15 - f.age18	-0.039	-0.043	0.95	-0.126	0.022	0.880	0.241
f.age15 - f.age21	-0.095	-0.096	0.95	-0.168	-0.032	0.999	0.001
f.age18 - f.age21	-0.055	-0.054	0.95	-0.102	-0.001	0.977	0.047

Parameter	Median	Mean	CI	CI_low	CI_high	pd	pval
:-----	-----	-----	-----	-----	-----	-----	-----
f.layer2 - f.layer4	-0.074	-0.073	0.95	-0.117	-0.022	0.997	0.007

Table: Post-hoc comparison with bootstrapping output

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
K0 - Ctrl, 2, 11	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 4, 11	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 2, 13	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 4, 13	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 2, 15	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 4, 15	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 2, 18	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 4, 18	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 2, 21	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003
K0 - Ctrl, 4, 21	-0.146	-0.145	-0.145	0.95	-0.22	-0.062	0.998	0.003

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
f.age11 - f.age13, Ctrl, 2	-0.077	-0.075	-0.075	0.95	-0.168	0.034	0.919	0.161
f.age11 - f.age15, Ctrl, 2	-0.125	-0.124	-0.124	0.95	-0.219	-0.020	0.990	0.020
f.age11 - f.age18, Ctrl, 2	-0.167	-0.167	-0.167	0.95	-0.248	-0.084	1.000	0.000
f.age11 - f.age21, Ctrl, 2	-0.221	-0.220	-0.220	0.95	-0.288	-0.150	1.000	0.000
f.age13 - f.age15, Ctrl, 2	-0.054	-0.049	-0.049	0.95	-0.132	0.058	0.852	0.297
f.age13 - f.age18, Ctrl, 2	-0.094	-0.092	-0.092	0.95	-0.152	-0.020	0.992	0.015
f.age13 - f.age21, Ctrl, 2	-0.145	-0.146	-0.146	0.95	-0.216	-0.074	1.000	0.000
f.age15 - f.age18, Ctrl, 2	-0.039	-0.043	-0.043	0.95	-0.126	0.022	0.880	0.241
f.age15 - f.age21, Ctrl, 2	-0.095	-0.096	-0.096	0.95	-0.168	-0.032	0.999	0.001
f.age18 - f.age21, Ctrl, 2	-0.055	-0.054	-0.054	0.95	-0.102	-0.001	0.977	0.047
f.age11 - f.age13, K0, 2	-0.077	-0.075	-0.075	0.95	-0.168	0.034	0.919	0.161
f.age11 - f.age15, K0, 2	-0.125	-0.124	-0.124	0.95	-0.219	-0.020	0.990	0.020
f.age11 - f.age18, K0, 2	-0.167	-0.167	-0.167	0.95	-0.248	-0.084	1.000	0.000
f.age11 - f.age21, K0, 2	-0.221	-0.220	-0.220	0.95	-0.288	-0.150	1.000	0.000
f.age13 - f.age15, K0, 2	-0.054	-0.049	-0.049	0.95	-0.132	0.058	0.852	0.297
f.age13 - f.age18, K0, 2	-0.094	-0.092	-0.092	0.95	-0.152	-0.020	0.992	0.015
f.age13 - f.age21, K0, 2	-0.145	-0.146	-0.146	0.95	-0.216	-0.074	1.000	0.000
f.age15 - f.age18, K0, 2	-0.039	-0.043	-0.043	0.95	-0.126	0.022	0.880	0.241
f.age15 - f.age21, K0, 2	-0.095	-0.096	-0.096	0.95	-0.168	-0.032	0.999	0.001
f.age18 - f.age21, K0, 2	-0.055	-0.054	-0.054	0.95	-0.102	-0.001	0.977	0.047
f.age11 - f.age13, Ctrl, 4	-0.077	-0.075	-0.075	0.95	-0.168	0.034	0.919	0.161
f.age11 - f.age15, Ctrl, 4	-0.125	-0.124	-0.124	0.95	-0.219	-0.020	0.990	0.020
f.age11 - f.age18, Ctrl, 4	-0.167	-0.167	-0.167	0.95	-0.248	-0.084	1.000	0.000
f.age11 - f.age21, Ctrl, 4	-0.221	-0.220	-0.220	0.95	-0.288	-0.150	1.000	0.000
f.age13 - f.age15, Ctrl, 4	-0.054	-0.049	-0.049	0.95	-0.132	0.058	0.852	0.297
f.age13 - f.age18, Ctrl, 4	-0.094	-0.092	-0.092	0.95	-0.152	-0.020	0.992	0.015
f.age13 - f.age21, Ctrl, 4	-0.145	-0.146	-0.146	0.95	-0.216	-0.074	1.000	0.000
f.age15 - f.age18, Ctrl, 4	-0.039	-0.043	-0.043	0.95	-0.126	0.022	0.880	0.241
f.age15 - f.age21, Ctrl, 4	-0.095	-0.096	-0.096	0.95	-0.168	-0.032	0.999	0.001
f.age18 - f.age21, Ctrl, 4	-0.055	-0.054	-0.054	0.95	-0.102	-0.001	0.977	0.047
f.age11 - f.age13, K0, 4	-0.077	-0.075	-0.075	0.95	-0.168	0.034	0.919	0.161
f.age11 - f.age15, K0, 4	-0.125	-0.124	-0.124	0.95	-0.219	-0.020	0.990	0.020
f.age11 - f.age18, K0, 4	-0.167	-0.167	-0.167	0.95	-0.248	-0.084	1.000	0.000
f.age11 - f.age21, K0, 4	-0.221	-0.220	-0.220	0.95	-0.288	-0.150	1.000	0.000
f.age13 - f.age15, K0, 4	-0.054	-0.049	-0.049	0.95	-0.132	0.058	0.852	0.297
f.age13 - f.age18, K0, 4	-0.094	-0.092	-0.092	0.95	-0.152	-0.020	0.992	0.015
f.age13 - f.age21, K0, 4	-0.145	-0.146	-0.146	0.95	-0.216	-0.074	1.000	0.000
f.age15 - f.age18, K0, 4	-0.039	-0.043	-0.043	0.95	-0.126	0.022	0.880	0.241
f.age15 - f.age21, K0, 4	-0.095	-0.096	-0.096	0.95	-0.168	-0.032	0.999	0.001
f.age18 - f.age21, K0, 4	-0.055	-0.054	-0.054	0.95	-0.102	-0.001	0.977	0.047

Parameter	Median	Mean	Mean.1	CI	CI_low	CI_high	pd	pval
:-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:	-----:
f.layer4 - f.layer2, Ctrl, 11	0.074	0.073	0.073	0.95	0.022	0.117	0.997	0.007
f.layer4 - f.layer2, K0, 11	0.074	0.073	0.073	0.95	0.022	0.117	0.997	0.007
f.layer4 - f.layer2, Ctrl, 13	0.074	0.073	0.073	0.95	0.022	0.117	0.997	0.007

f.layer4 - f.layer2, K0, 13		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	
f.layer4 - f.layer2, Ctrl, 15		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	
f.layer4 - f.layer2, K0, 15		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	
f.layer4 - f.layer2, Ctrl, 18		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	
f.layer4 - f.layer2, K0, 18		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	
f.layer4 - f.layer2, Ctrl, 21		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	
f.layer4 - f.layer2, K0, 21		0.074		0.073		0.073		0.95		0.022		0.117		0.997		0.007	