

ID	Variable	KS Statistics	Mean Subnetwork2 - KS BH adjusted	
			Mean Subnetwork1	p-value
239	compMRI_unloadedT2_cartilage.LF	0.65	4.592	1.45683E-08
240	compMRI_unloadedT2_cartilage.cLFa	0.69	4.359	1.45683E-08
242	compMRI_unloadedT2_cartilage.cLFp	0.67	5.384	1.45683E-08
245	compMRI_unloadedT2_cartilage.cMFa	0.66	3.246	2.50019E-08
244	compMRI_unloadedT2_cartilage.MF	0.64	3.728	2.50019E-08
146	compMRI_loadedT2_cartilage.cLFp	0.58	3.592	1.556E-07
259	compMRI_unloadedT2_cartilage.boneLF	0.59	5.315	2.51674E-07
241	compMRI_unloadedT2_cartilage.cLFe	0.61	5.492	2.51674E-07
268	compMRI_unloadedT2_cartilage.articularMT	0.56	4.355	2.51674E-07
247	compMRI_unloadedT2_cartilage.cMFp	0.61	4.577	3.29133E-07
243	compMRI_unloadedT2_cartilage.pLF	0.60	3.851	3.83121E-07
155	compMRI_loadedT2_cartilage.cLTe	0.55	3.980	7.30216E-07
249	compMRI_unloadedT2_cartilage.LT	0.53	4.221	1.08931E-06
267	compMRI_unloadedT2_cartilage.articularLT	0.53	4.869	1.44374E-06
253	compMRI_unloadedT2_cartilage.MT	0.53	3.680	1.44374E-06
258	compMRI_unloadedT2_cartilage.P	0.55	3.115	1.44374E-06
257	compMRI_unloadedT2_cartilage.FrT	0.53	3.857	2.68929E-06
246	compMRI_unloadedT2_cartilage.cMFc	0.56	5.076	3.19542E-06
271	compMRI_unloadedR2-R1p_cartilage.LF	0.55	-0.005	3.19542E-06
265	compMRI_unloadedT2_cartilage.articularLF	0.53	3.883	3.22379E-06
171	compMRI_loadedT2_cartilage.articularLT	0.52	3.554	3.44033E-06
264	compMRI_unloadedT2_cartilage.boneP	0.51	3.862	4.60917E-06
207	compMRI_unloadedT1p_cartilage.LF	0.53	3.179	4.93226E-06
263	compMRI_unloadedT2_cartilage.boneFrT	0.52	2.936	5.28587E-06
251	compMRI_unloadedT2_cartilage.cLTe	0.54	4.067	8.82171E-06
150	compMRI_loadedT2_cartilage.cMFc	0.50	3.292	8.82171E-06
143	compMRI_loadedT2_cartilage.LF	0.50	2.593	9.11256E-06
248	compMRI_unloadedT2_cartilage.pMF	0.53	2.597	9.11256E-06
221	compMRI_unloadedT1p_cartilage.MT	0.49	3.202	1.05465E-05
272	compMRI_unloadedR2-R1p_cartilage.cLFa	0.54	-0.004	1.13599E-05
144	compMRI_loadedT2_cartilage.cLFa	0.49	2.580	1.22448E-05
208	compMRI_unloadedT1p_cartilage.cLFa	0.52	3.549	1.46986E-05
250	compMRI_unloadedT2_cartilage.cLTa	0.52	3.667	1.58566E-05
151	compMRI_loadedT2_cartilage.cMFp	0.48	3.279	1.90246E-05
169	compMRI_loadedT2_cartilage.articularLF	0.48	2.897	1.90246E-05
269	compMRI_unloadedT2_cartilage.articularFrT	0.48	3.816	1.90246E-05
159	compMRI_loadedT2_cartilage.cMTc	0.48	2.759	1.90246E-05
145	compMRI_loadedT2_cartilage.cLFe	0.48	3.261	1.90246E-05
147	compMRI_loadedT2_cartilage.pLF	0.48	2.380	1.90246E-05
222	compMRI_unloadedT1p_cartilage.cMTa	0.51	3.512	1.90246E-05
260	compMRI_unloadedT2_cartilage.boneMF	0.49	4.011	2.16178E-05
261	compMRI_unloadedT2_cartilage.boneLT	0.47	3.713	2.34207E-05
252	compMRI_unloadedT2_cartilage.cLTp	0.51	3.719	2.81428E-05
256	compMRI_unloadedT2_cartilage.cMTp	0.51	3.379	2.81428E-05
224	compMRI_unloadedT1p_cartilage.cMTp	0.50	3.293	3.30304E-05
232	compMRI_unloadedT1p_cartilage.boneP	0.46	4.288	3.57893E-05
236	compMRI_unloadedT1p_cartilage.articular.MT	0.46	3.998	3.87815E-05
148	compMRI_loadedT2_cartilage.MF	0.46	2.230	4.20261E-05
266	compMRI_unloadedT2_cartilage.articularMF	0.48	3.693	4.55436E-05
215	compMRI_unloadedT1p_cartilage.cMFp	0.48	4.171	6.02841E-05
254	compMRI_unloadedT2_cartilage.cMTa	0.48	3.198	6.52787E-05
235	compMRI_unloadedT1p_cartilage.articular.LT	0.44	4.003	7.80108E-05
274	compMRI_unloadedR2-R1p_cartilage.cLFp	0.49	-0.006	7.80108E-05
270	compMRI_unloadedT2_cartilage.articularP	0.45	3.264	0.000100736
154	compMRI_loadedT2_cartilage.cLTa	0.44	3.239	0.000100736
226	compMRI_unloadedT1p_cartilage.P	0.45	3.377	0.000107033
227	compMRI_unloadedT1p_cartilage.bone.LF	0.46	3.765	0.00011582
209	compMRI_unloadedT1p_cartilage.cLFe	0.46	4.642	0.000137916
214	compMRI_unloadedT1p_cartilage.cMFc	0.46	4.833	0.000137916
149	compMRI_loadedT2_cartilage.cMFa	0.43	2.260	0.000137916
213	compMRI_unloadedT1p_cartilage.cMFa	0.46	2.854	0.000137916
210	compMRI_unloadedT1p_cartilage.cLFp	0.46	3.689	0.00014933
153	compMRI_loadedT2_cartilage.LT	0.43	3.213	0.000185519
291	compMRI_unloadedR2-R1p_cartilage.boneLF	0.45	-0.007	0.000185519
292	compMRI_unloadedR2-R1p_cartilage.boneMF	0.45	-0.004	0.000197493
161	compMRI_loadedT2_cartilage.FrT	0.41	1.034	0.000234355
219	compMRI_unloadedT1p_cartilage.cLTe	0.45	4.333	0.000253255
156	compMRI_loadedT2_cartilage.cLTp	0.42	3.090	0.00029994
217	compMRI_unloadedT1p_cartilage.LT	0.43	2.631	0.00029994
121	compMRI_loadedT1p_cartilage.LT	0.41	2.493	0.000349672
273	compMRI_unloadedR2-R1p_cartilage.cLFe	0.45	-0.007	0.00037744
119	compMRI_loadedT1p_cartilage.cMFp	0.40	3.799	0.00037744
262	compMRI_unloadedT2_cartilage.boneMT	0.40	3.828	0.000480598
187	compMRI_unloadedR2-R1p_cartilage.cLTe	0.43	-0.006	0.000480598
165	compMRI_loadedT2_cartilage.boneLT	0.40	2.981	0.000511324
212	compMRI_unloadedT1p_cartilage.MF	0.42	2.589	0.000511324
237	compMRI_unloadedT1p_cartilage.articularFrT	0.41	3.269	0.00059436
118	compMRI_loadedT1p_cartilage.cMFc	0.39	3.992	0.000699092
218	compMRI_unloadedT1p_cartilage.cLTa	0.42	3.805	0.000752983
158	compMRI_loadedT2_cartilage.cMTa	0.39	2.352	0.000752983
123	compMRI_loadedT1p_cartilage.cLTe	0.39	3.373	0.000800825
117	compMRI_loadedT1p_cartilage.cMFa	0.39	2.369	0.000800825
116	compMRI_loadedT1p_cartilage.MF	0.39	2.265	0.000800825
163	compMRI_loadedT2_cartilage.boneLF	0.39	2.518	0.000841743
122	compMRI_loadedT1p_cartilage.cLTa	0.39	2.551	0.000841743
225	compMRI_unloadedT1p_cartilage.FrT	0.40	2.637	0.000975689
238	compMRI_unloadedT1p_cartilage.articularP	0.39	3.647	0.001050039
172	compMRI_loadedT2_cartilage.articularMT	0.38	2.870	0.001129753
275	compMRI_unloadedR2-R1p_cartilage.pLF	0.42	-0.004	0.001129753
157	compMRI_loadedT2_cartilage.MT	0.38	2.442	0.001201687
170	compMRI_loadedT2_cartilage.articularMF	0.38	2.816	0.001292368
255	compMRI_unloadedT2_cartilage.cMTc	0.40	3.074	0.001639756
211	compMRI_unloadedT1p_cartilage.pLF	0.40	2.779	0.00191121
133	compMRI_loadedT1p_cartilage.boneLT	0.36	3.105	0.002410999
136	compMRI_loadedT1p_cartilage.boneP	0.34	2.718	0.002584828
299	compMRI_unloadedR2-R1p_cartilage.articularLT	0.37	-0.004	0.002770389
297	compMRI_unloadedR2-R1p_cartilage.articularLF	0.38	-0.003	0.002968405
279	compMRI_unloadedR2-R1p_cartilage.cMFp	0.39	-0.004	0.003179641
108	biomechanics_peakInternalRotationAngle_hip	0.42	-2.923	0.003179641
223	compMRI_unloadedT1p_cartilage.cMTc	0.38	3.272	0.003370852
124	compMRI_loadedT1p_cartilage.cLTp	0.35	2.360	0.003370852
360	compMRI_diff(loaded,unloaded)T2_cartilage.boneP	0.38	-1.758	0.003370852
127	compMRI_loadedT1p_cartilage.cMTc	0.35	2.114	0.003538868
281	compMRI_unloadedR2-R1p_cartilage.LT	0.38	-0.007	0.003788404
234	compMRI_unloadedT1p_cartilage.articularMF	0.37	3.051	0.004378803
277	compMRI_unloadedR2-R1p_cartilage.cMFa	0.38	-0.003	0.005053579
276	compMRI_unloadedR2-R1p_cartilage.MF	0.37	-0.002	0.005053579
233	compMRI_unloadedT1p_cartilage.articularLF	0.36	2.882	0.005350578
278	compMRI_unloadedR2-R1p_cartilage.cMFc	0.38	-0.005	0.005350578
129	compMRI_loadedT1p_cartilage.FrT	0.33	2.282	0.005350578
188	compMRI_loadedR2-R1p_cartilage.cLTp	0.36	-0.004	0.006050891
229	compMRI_unloadedT1p_cartilage.boneLT	0.33	3.006	0.006461341
185	compMRI_loadedR2-R1p_cartilage.LT	0.35	-0.004	0.007425708
109	biomechanics_peakInternalRotationAngle_hip.first	0.39	-2.985	0.007921157
338	compMRI_diff(loaded,unloaded)T2_cartilage.cLFp	0.38	-2.143	0.007921157
228	compMRI_unloadedT1p_cartilage.boneMF	0.35	2.253	0.008374117
220	compMRI_unloadedT1p_cartilage.cLTp	0.35	3.588	0.008927727
139	compMRI_loadedT1p_cartilage.articularLT	0.32	1.746	0.008927727
160	compMRI_loadedT2_cartilage.cMTp	0.33	2.584	0.009434869
186	compMRI_loadedR2-R1p_cartilage.cLTa	0.34	-0.004	0.011591175
126	compMRI_loadedT1p_cartilage.cMTa	0.32	1.803	0.012336289
138	compMRI_loadedT1p_cartilage.articularMF	0.31	1.776	0.013124947
340	compMRI_diff(loaded,unloaded)T2_cartilage.MF	0.37	-0.752	0.013124947
162	compMRI_loadedT2_cartilage.P	0.31	1.690	0.014841899
216	compMRI_unloadedT1p_cartilage.pMF	0.34	2.088	0.014841899
177	compMRI_unloadedR2-R1p_cartilage.cLFe	0.33	-0.003	0.014841899
353	compMRI_diff(loaded,unloaded)T2_cartilage.FrT	0.33	-1.424	0.016629009
113	compMRI_loadedT1p_cartilage.cLFe	0.30	3.334	0.018902714
284	compMRI_unloadedR2-R1p_cartilage.cLTp	0.34	-0.004	0.02128923
174	compMRI_loadedT2_cartilage.articularP	0.29	2.208	0.022581667
341	compMRI_diff(loaded,unloaded)T2_cartilage.cMFa	0.35	-0.595	0.022581667
231	compMRI_unloadedT1p_cartilage.boneFrT	0.31	1.967	0.023764351
166	compMRI_loadedT2_cartilage.boneMT	0.30	2.191	0.023764351
11	Xray_mecAxis	0.28	1.117	0.023764351
178	compMRI_unloadedR2-R1p_cartilage.cLFp	0.31	-0.003	0.02482077
230	compMRI_unloadedT1p_cartilage.boneMT	0.29	2.557	0.034033816
175	compMRI_loadedR2-R1p_cartilage.LF	0.30	-0.002	0.034033816
280	compMRI_unloadedR2-R1p_cartilage.pMF	0.32	-0.002	0.03573968
203	compMRI_unloadedR2-R1p_cartilage.articularLT	0.30	-0.004	0.037791832
112	compMRI_loadedT1p_cartilage.cLFa	0.28	2.135	0.039947874
135	compMRI_loadedT1p_cartilage.boneFrT	0.27	1.866	0.039947874
132	compMRI_loadedT1p_cartilage.boneMF	0.28	2.711	0.044589148
176	compMRI_loadedR2-R1p_cartilage.cLFe	0.29	-0.002	0.044589148
282	compMRI_unloadedR2-R1p_cartilage.cLTa	0.31	-0.004	0.046438478
283	compMRI_unloadedR2-R1p_cartilage.cLTe	0.31	-0.005	0.046438478
168	compMRI_loadedT2_cartilage.boneP	0.27	1.763	0.048692381
114	compMRI_loadedT1p_cartilage.cLFp	0.27	2.425	0.048692381
137	compMRI_loadedT1p_cartilage.articularLF	0.27	1.885	0.048692381
356	compMRI_diff(loaded,unloaded)T2_cartilage.boneMF	0.31	-1.676	0.048692381