

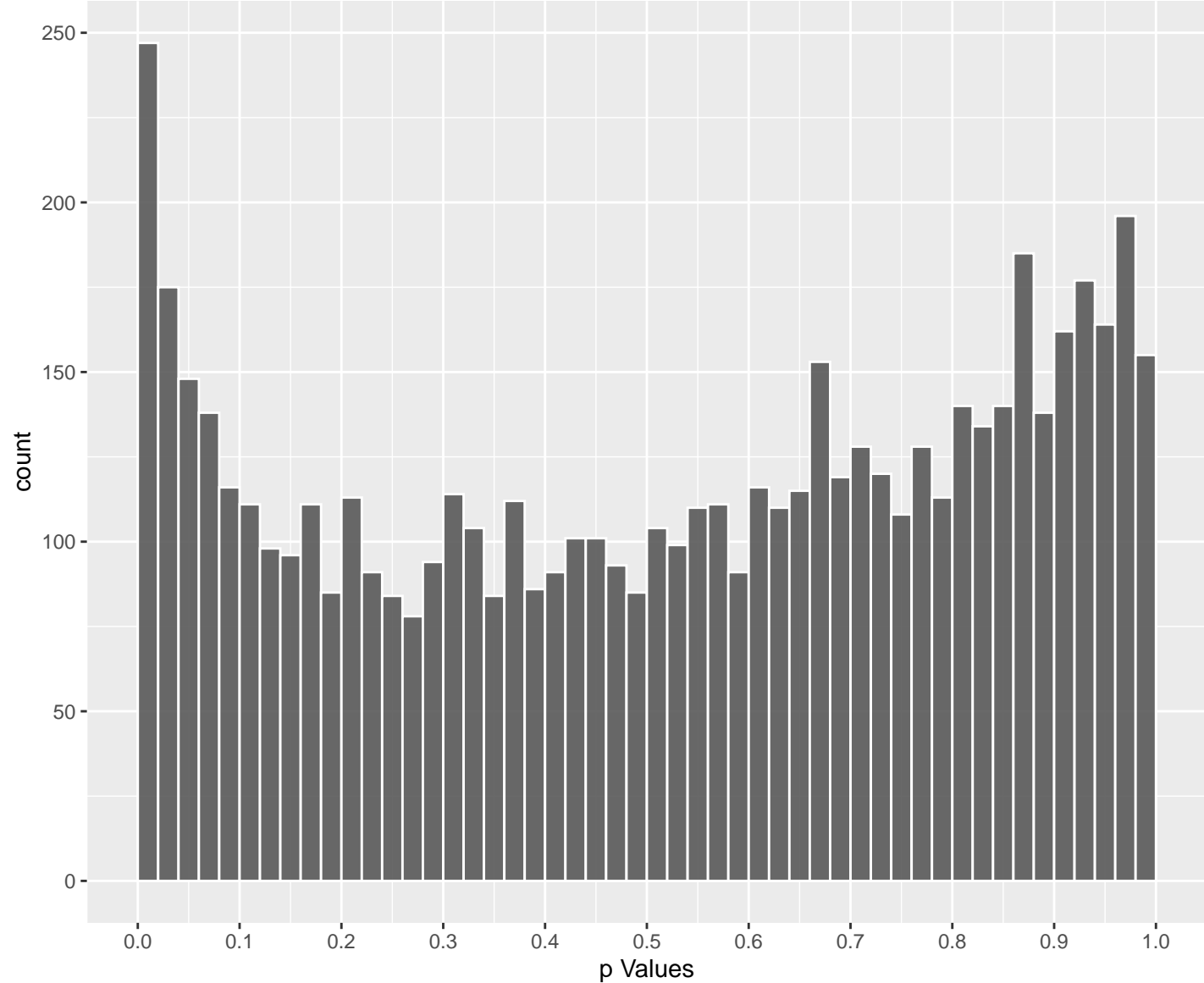
Top genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
ENSG000000092621	0.6547089	64	2.696e-10	3.976e-06	5.865e-02
ENSG000000135069	0.6298836	62	2.270e-09	1.674e-05	7.261e-02
ENSG000000070404	-0.5954184	65	7.059e-09	2.603e-05	7.261e-02
ENSG000000106404	0.6203105	61	5.311e-09	2.603e-05	7.261e-02
ENSG000000112964	0.5951899	64	9.399e-09	2.773e-05	7.261e-02
ENSG000000239282	0.5908686	64	1.201e-08	2.953e-05	7.261e-02
ENSG000000120437	0.5617532	68	2.263e-08	4.768e-05	1.005e-01
ENSG000000154930	-0.5741537	62	5.084e-08	8.418e-05	1.080e-01
ENSG000000274296	0.5601448	65	5.136e-08	8.418e-05	1.080e-01
ENSG000000101052	-0.5490141	66	7.429e-08	9.518e-05	1.080e-01
ENSG000000122971	0.5467794	66	8.388e-08	9.518e-05	1.080e-01
ENSG000000164188	-0.5568425	64	7.816e-08	9.518e-05	1.080e-01
ENSG000000197712	0.5787964	60	6.657e-08	9.518e-05	1.080e-01
ENSG000000189157	0.6896447	41	1.306e-07	1.376e-04	1.450e-01
ENSG000000118855	0.5262501	66	2.504e-07	2.173e-04	1.886e-01
ENSG000000127954	0.5186389	68	2.449e-07	2.173e-04	1.886e-01
ENSG000000167900	-0.5277373	66	2.317e-07	2.173e-04	1.886e-01
ENSG000000145725	0.5391257	62	3.122e-07	2.558e-04	2.096e-01
ENSG000000099256	-0.5984893	49	4.974e-07	3.355e-04	2.250e-01
ENSG000000109929	0.5155377	66	4.363e-07	3.355e-04	2.250e-01
ENSG000000118242	-0.5590654	56	4.823e-07	3.355e-04	2.250e-01
ENSG000000178425	0.5128596	66	5.004e-07	3.355e-04	2.250e-01
ENSG000000133135	0.5129970	64	7.483e-07	4.520e-04	2.259e-01
ENSG000000138433	-0.4983499	68	7.064e-07	4.520e-04	2.259e-01
ENSG000000275397	0.5595801	54	7.661e-07	4.520e-04	2.259e-01

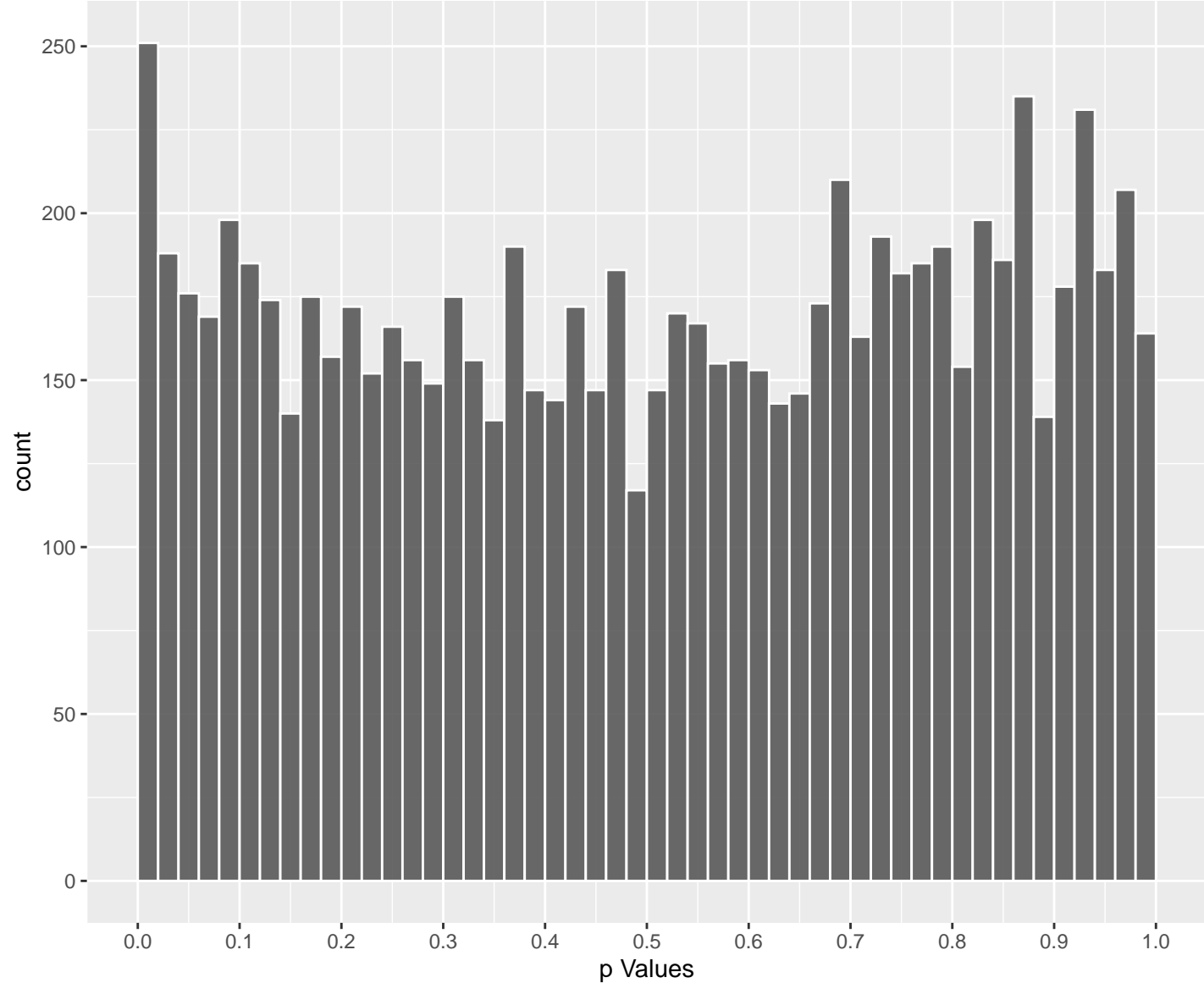
Top genes by Q-Value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
ENSG000000092621	0.6547089	64	2.696e-10	3.976e-06	5.865e-02
ENSG000000070404	-0.5954184	65	7.059e-09	2.603e-05	7.261e-02
ENSG000000106404	0.6203105	61	5.311e-09	2.603e-05	7.261e-02
ENSG000000112964	0.5951899	64	9.399e-09	2.773e-05	7.261e-02
ENSG000000135069	0.6298836	62	2.270e-09	1.674e-05	7.261e-02
ENSG000000239282	0.5908686	64	1.201e-08	2.953e-05	7.261e-02
ENSG000000120437	0.5617532	68	2.263e-08	4.768e-05	1.005e-01
ENSG000000101052	-0.5490141	66	7.429e-08	9.518e-05	1.080e-01
ENSG000000122971	0.5467794	66	8.388e-08	9.518e-05	1.080e-01
ENSG000000154930	-0.5741537	62	5.084e-08	8.418e-05	1.080e-01
ENSG000000164188	-0.5568425	64	7.816e-08	9.518e-05	1.080e-01
ENSG000000197712	0.5787964	60	6.657e-08	9.518e-05	1.080e-01
ENSG000000274296	0.5601448	65	5.136e-08	8.418e-05	1.080e-01
ENSG000000189157	0.6896447	41	1.306e-07	1.376e-04	1.450e-01
ENSG000000118855	0.5262501	66	2.504e-07	2.173e-04	1.886e-01
ENSG000000127954	0.5186389	68	2.449e-07	2.173e-04	1.886e-01
ENSG000000167900	-0.5277373	66	2.317e-07	2.173e-04	1.886e-01
ENSG000000145725	0.5391257	62	3.122e-07	2.558e-04	2.096e-01
ENSG000000099256	-0.5984893	49	4.974e-07	3.355e-04	2.250e-01
ENSG000000109929	0.5155377	66	4.363e-07	3.355e-04	2.250e-01
ENSG000000118242	-0.5590654	56	4.823e-07	3.355e-04	2.250e-01
ENSG000000178425	0.5128596	66	5.004e-07	3.355e-04	2.250e-01
ENSG000000005882	0.4932776	68	9.148e-07	4.679e-04	2.259e-01
ENSG000000026652	-0.5296313	58	1.200e-06	5.207e-04	2.259e-01
ENSG000000100612	0.5008080	66	9.199e-07	4.679e-04	2.259e-01

Positive Rho Non-permulated



Negative Rho Non-permulated



Top Positive genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
ENSG000000092621	0.6547089	64	2.696e-10	3.976e-06	5.865e-02
ENSG000000135069	0.6298836	62	2.270e-09	1.674e-05	7.261e-02
ENSG000000106404	0.6203105	61	5.311e-09	2.603e-05	7.261e-02
ENSG000000112964	0.5951899	64	9.399e-09	2.773e-05	7.261e-02
ENSG000000239282	0.5908686	64	1.201e-08	2.953e-05	7.261e-02
ENSG000000120437	0.5617532	68	2.263e-08	4.768e-05	1.005e-01
ENSG000000274296	0.5601448	65	5.136e-08	8.418e-05	1.080e-01
ENSG000000122971	0.5467794	66	8.388e-08	9.518e-05	1.080e-01
ENSG000000197712	0.5787964	60	6.657e-08	9.518e-05	1.080e-01
ENSG000000189157	0.6896447	41	1.306e-07	1.376e-04	1.450e-01

Top Negative genes by P-value non-permulated

Gene	Rho	N	P	p.adj	qValueNoperm
ENSG000000070404	-0.5954184	65	7.059e-09	2.603e-05	7.261e-02
ENSG000000154930	-0.5741537	62	5.084e-08	8.418e-05	1.080e-01
ENSG000000101052	-0.5490141	66	7.429e-08	9.518e-05	1.080e-01
ENSG000000164188	-0.5568425	64	7.816e-08	9.518e-05	1.080e-01
ENSG000000167900	-0.5277373	66	2.317e-07	2.173e-04	1.886e-01
ENSG000000099256	-0.5984893	49	4.974e-07	3.355e-04	2.250e-01
ENSG000000118242	-0.5590654	56	4.823e-07	3.355e-04	2.250e-01
ENSG000000138433	-0.4983499	68	7.064e-07	4.520e-04	2.259e-01
ENSG000000117152	-0.5370977	58	8.476e-07	4.631e-04	2.259e-01
ENSG000000104964	-0.5038166	65	9.641e-07	4.740e-04	2.259e-01