



### Individual Fisher tests of each classification

Location	c0	c1	c2	c3	c4
Promoter	1.02e-28	1.25e-21	8.80e-07	6.26e-06	5.35e-39
Intron	2.28e-10	3.09e-09	4.05e-02	0.0983	2.77e-12
Exon	5.75e-03	1.0000	0.6970	2.52e-05	0.3540
Downstream	0.2220	0.8220	3.65e-02	0.9290	0.7590
Distal Intergenic	4.54e-19	8.54e-07	1.50e-02	0.3180	6.28e-14
5' UTR	0.0937	0.7370	0.4020	0.1930	0.8810
3' UTR	6.84e-04	2.18e-03	0.0654	3.46e-13	2.88e-02