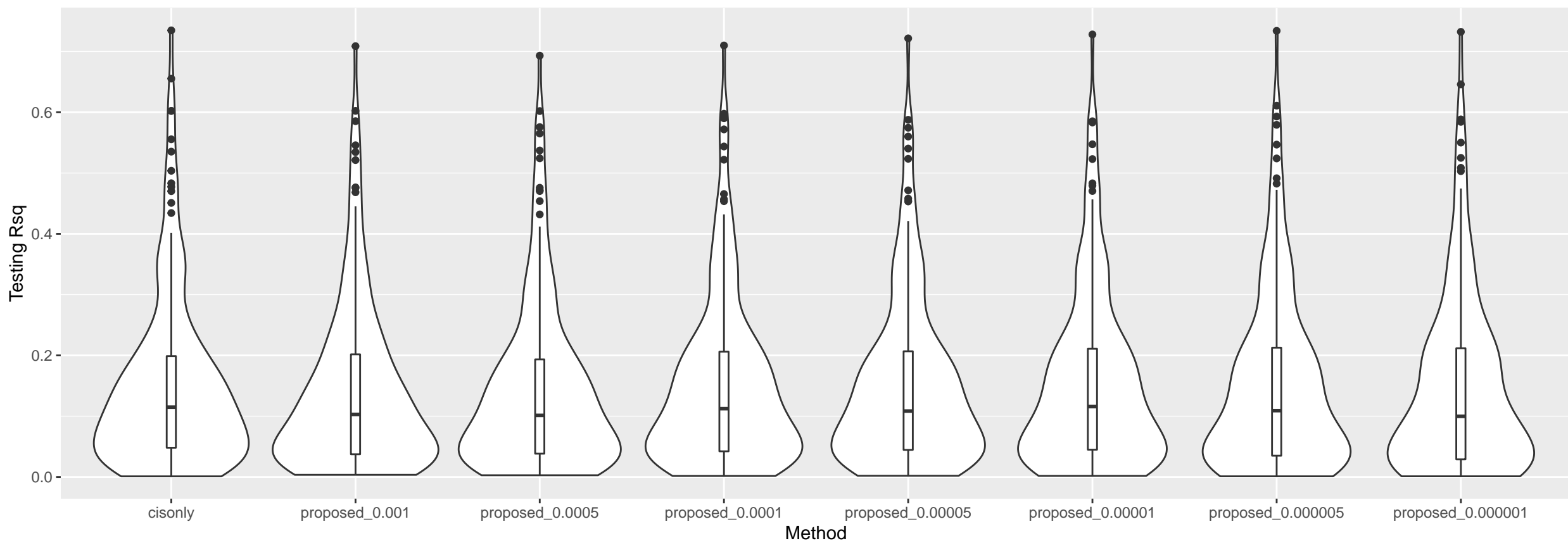
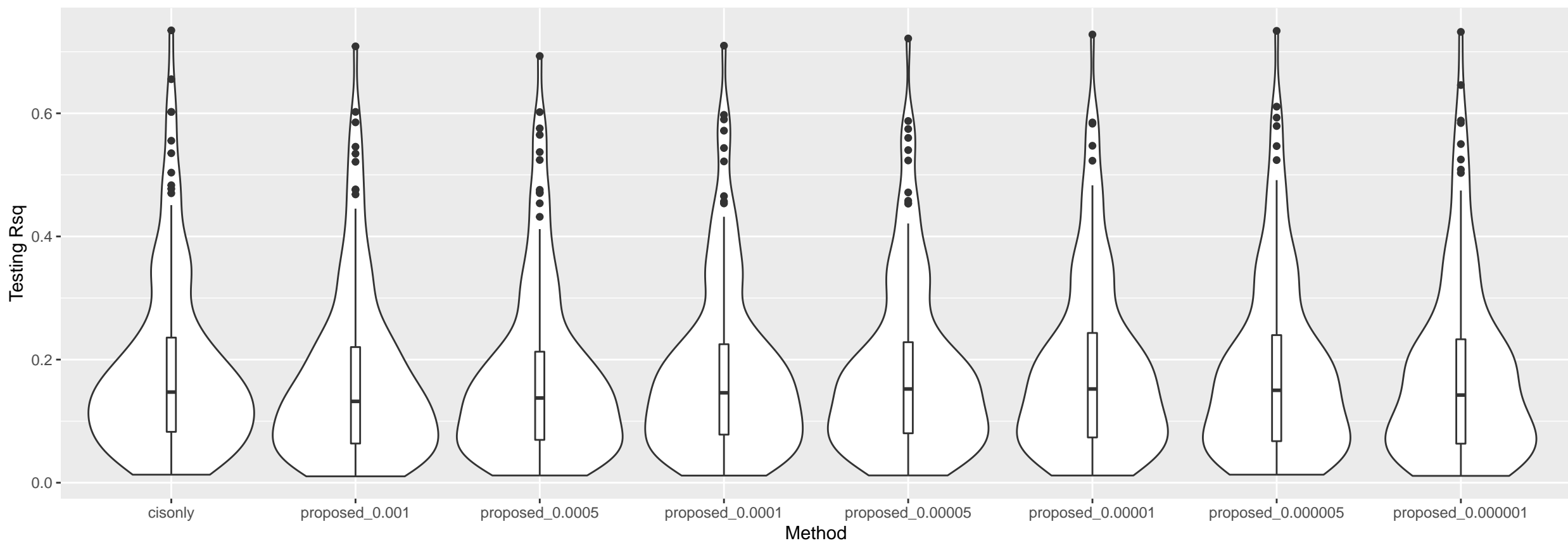


**Violin Plots of Testing Rsqs of protein prediction models from methods
(Rsq threshold = 0.001)**



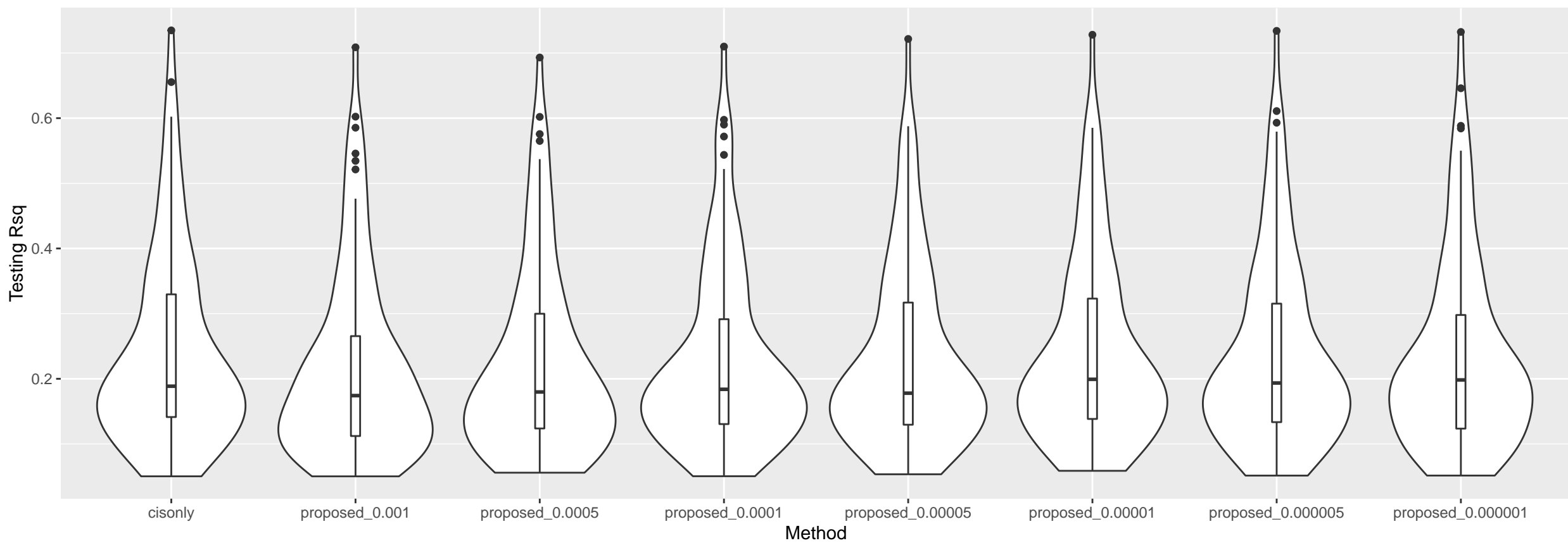
	cisonly	proposed_0.001	proposed_0.0005	proposed_0.0001	proposed_0.00005	proposed_0.00001	proposed_0.000005	proposed_0.000001
<i>Min.</i>	0.001005	0.003552	0.002815	0.001593	0.001919	0.001695	0.001054	0.001067
<i>1st Qu.</i>	0.04809	0.03733	0.0383	0.0422	0.04446	0.04484	0.03494	0.02895
<i>Median</i>	0.1149	0.1029	0.1013	0.1124	0.1084	0.1158	0.1091	0.09975
<i>Mean</i>	0.1523	0.1417	0.1445	0.1503	0.1526	0.1545	0.152	0.1486
<i>3rd Qu.</i>	0.1988	0.2017	0.1934	0.2061	0.2068	0.2109	0.2127	0.2117
<i>Max.</i>	0.7347	0.7087	0.6931	0.7099	0.7216	0.728	0.734	0.7323

**Violin Plots of Testing Rsqs of protein prediction models from methods
(Rsq threshold = 0.01)**



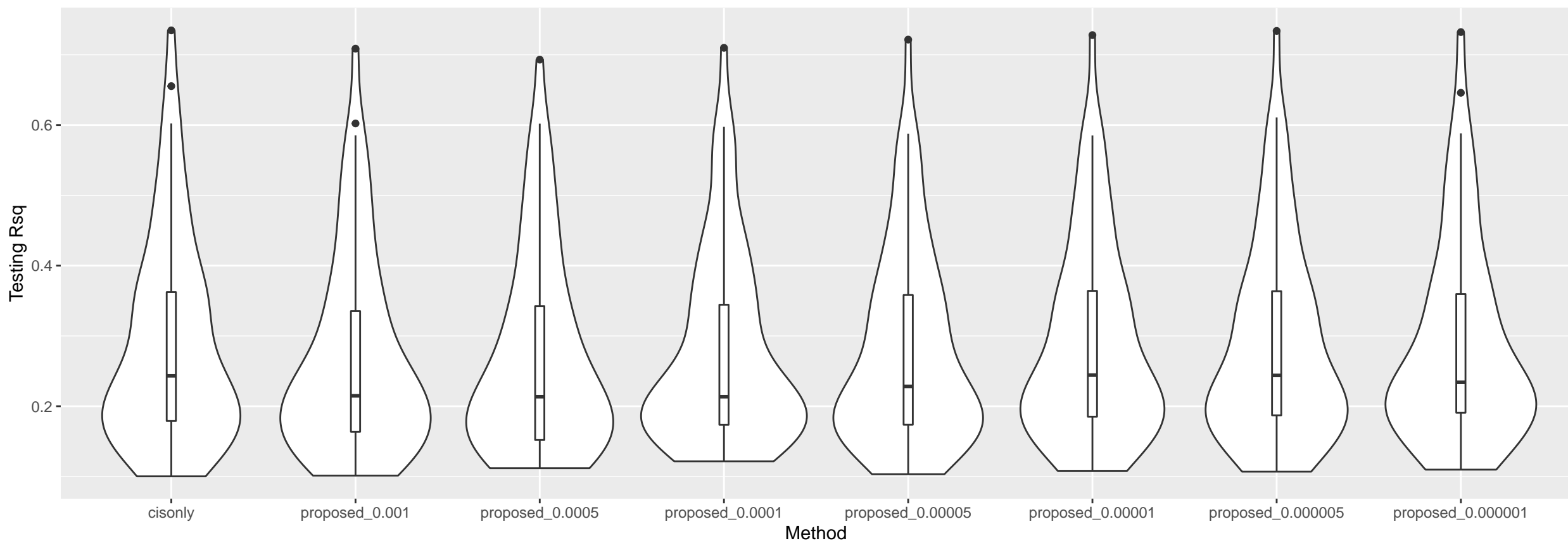
	cisonly	proposed_0.001	proposed_0.0005	proposed_0.0001	proposed_0.00005	proposed_0.00001	proposed_0.000005	proposed_0.000001
<i>Min.</i>	0.0131	0.01038	0.01179	0.0116	0.01189	0.01173	0.01308	0.01113
<i>1st Qu.</i>	0.08265	0.06367	0.06961	0.07812	0.0803	0.07359	0.06749	0.06343
<i>Median</i>	0.1472	0.1321	0.1376	0.1461	0.1523	0.1523	0.1501	0.1424
<i>Mean</i>	0.185	0.1689	0.172	0.1782	0.1812	0.1852	0.1829	0.18
<i>3rd Qu.</i>	0.2357	0.2203	0.2128	0.225	0.2283	0.2433	0.2398	0.233
<i>Max.</i>	0.7347	0.7087	0.6931	0.7099	0.7216	0.728	0.734	0.7323

**Violin Plots of Testing Rsqs of protein prediction models from methods
(Rsqr threshold = 0.05)**



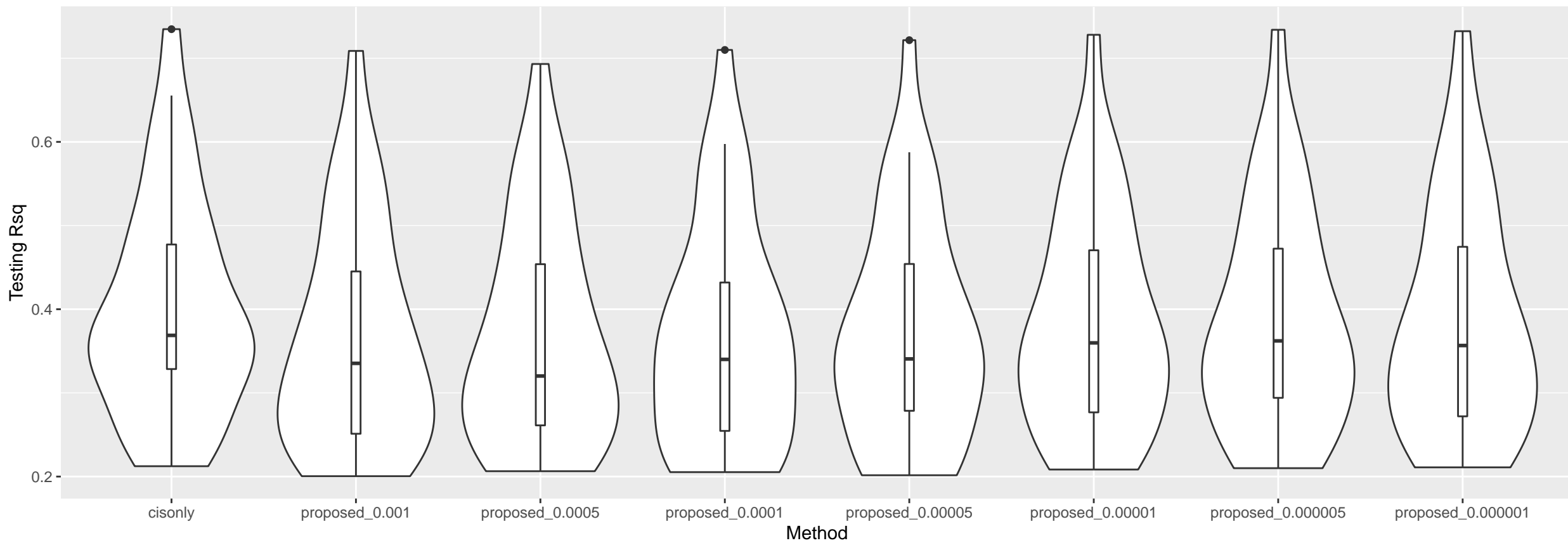
	cisonly	proposed_0.001	proposed_0.0005	proposed_0.0001	proposed_0.00005	proposed_0.00001	proposed_0.000005	proposed_0.000001
<i>Min.</i>	0.05036	0.05032	0.05592	0.05049	0.05349	0.05881	0.05148	0.05153
<i>1st Qu.</i>	0.1413	0.1122	0.1238	0.1305	0.1295	0.1384	0.1335	0.1236
<i>Median</i>	0.1886	0.1742	0.1798	0.1839	0.1779	0.1992	0.1936	0.1982
<i>Mean</i>	0.2383	0.2163	0.219	0.2264	0.2298	0.2375	0.2365	0.2341
<i>3rd Qu.</i>	0.3296	0.2655	0.2998	0.2915	0.317	0.3231	0.3153	0.2979
<i>Max.</i>	0.7347	0.7087	0.6931	0.7099	0.7216	0.728	0.734	0.7323

**Violin Plots of Testing Rsqs of protein prediction models from methods
(Rsqr threshold = 0.1)**



	cisonly	proposed_0.001	proposed_0.0005	proposed_0.0001	proposed_0.00005	proposed_0.00001	proposed_0.000005	proposed_0.000001
<i>Min.</i>	0.1003	0.1013	0.112	0.1217	0.1033	0.1078	0.107	0.1099
<i>1st Qu.</i>	0.179	0.1636	0.152	0.1736	0.1737	0.1852	0.1871	0.1907
<i>Median</i>	0.2433	0.2148	0.2136	0.2136	0.2283	0.2443	0.2438	0.234
<i>Mean</i>	0.2884	0.2684	0.27	0.2765	0.2796	0.2885	0.2885	0.2875
<i>3rd Qu.</i>	0.3624	0.3354	0.3425	0.3445	0.3582	0.3641	0.3637	0.3597
<i>Max.</i>	0.7347	0.7087	0.6931	0.7099	0.7216	0.728	0.734	0.7323

**Violin Plots of Testing Rsqs of protein prediction models from methods
(Rsqr threshold = 0.2)**



	cisonly	proposed_0.001	proposed_0.0005	proposed_0.0001	proposed_0.00005	proposed_0.00001	proposed_0.000005	proposed_0.000001
<i>Min.</i>	0.2124	0.2005	0.2064	0.2053	0.2016	0.2084	0.21	0.211
<i>1st Qu.</i>	0.3285	0.2512	0.2612	0.2546	0.2786	0.2767	0.2941	0.272
<i>Median</i>	0.3688	0.3353	0.3202	0.34	0.3406	0.3598	0.3622	0.3566
<i>Mean</i>	0.3999	0.3624	0.3661	0.3659	0.3694	0.3825	0.3837	0.3829
<i>3rd Qu.</i>	0.4774	0.4452	0.4538	0.432	0.4541	0.4705	0.4724	0.4746
<i>Max.</i>	0.7347	0.7087	0.6931	0.7099	0.7216	0.728	0.734	0.7323

**Violin Plots of Testing Rsqs of protein prediction models from methods
(Rsq threshold = 0.5)**



	cisonly	proposed_0.001	proposed_0.0005	proposed_0.0001	proposed_0.00005	proposed_0.00001	proposed_0.000005	proposed_0.000001
<i>Min.</i>	0.5352	0.5213	0.5242	0.5219	0.5234	0.523	0.524	0.525
<i>1st Qu.</i>	0.5672	0.5373	0.5441	0.5507	0.5452	0.5563	0.5549	0.5586
<i>Median</i>	0.6022	0.5656	0.5703	0.5809	0.5673	0.5838	0.5862	0.5862
<i>Mean</i>	0.6142	0.583	0.5828	0.5891	0.5846	0.5919	0.598	0.6043
<i>3rd Qu.</i>	0.6421	0.5981	0.5954	0.5956	0.5843	0.585	0.6064	0.6315
<i>Max.</i>	0.7347	0.7087	0.6931	0.7099	0.7216	0.728	0.734	0.7323