

RELAX Combined Report

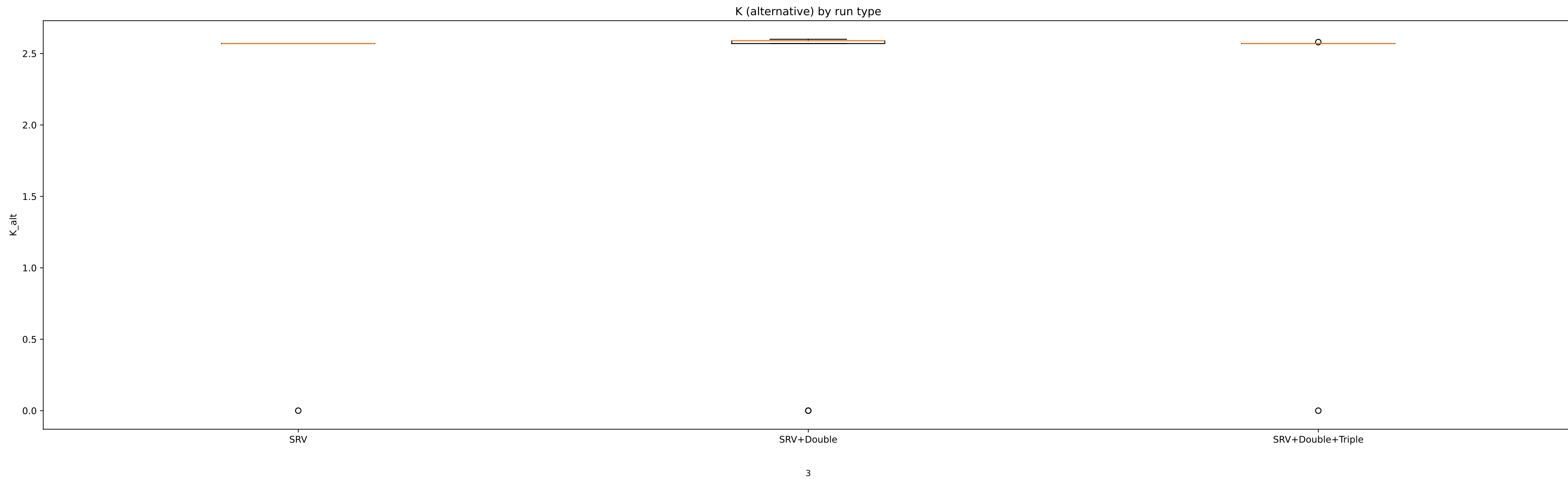
SRV vs SRV+Double vs SRV+Double+Triple

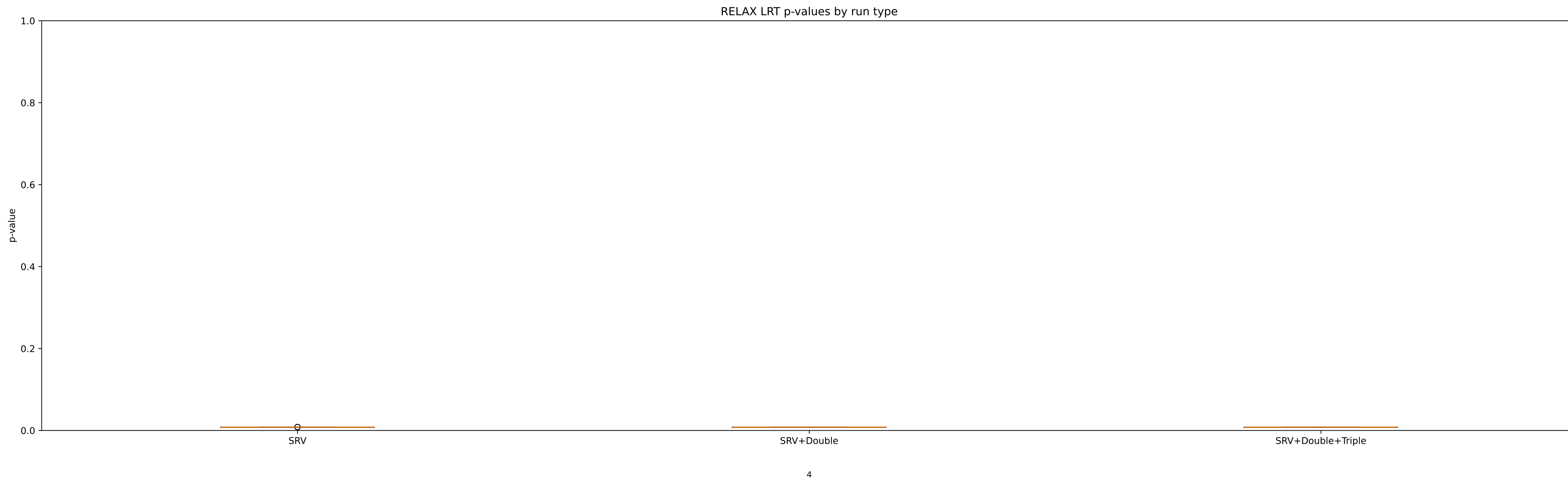
Includes:

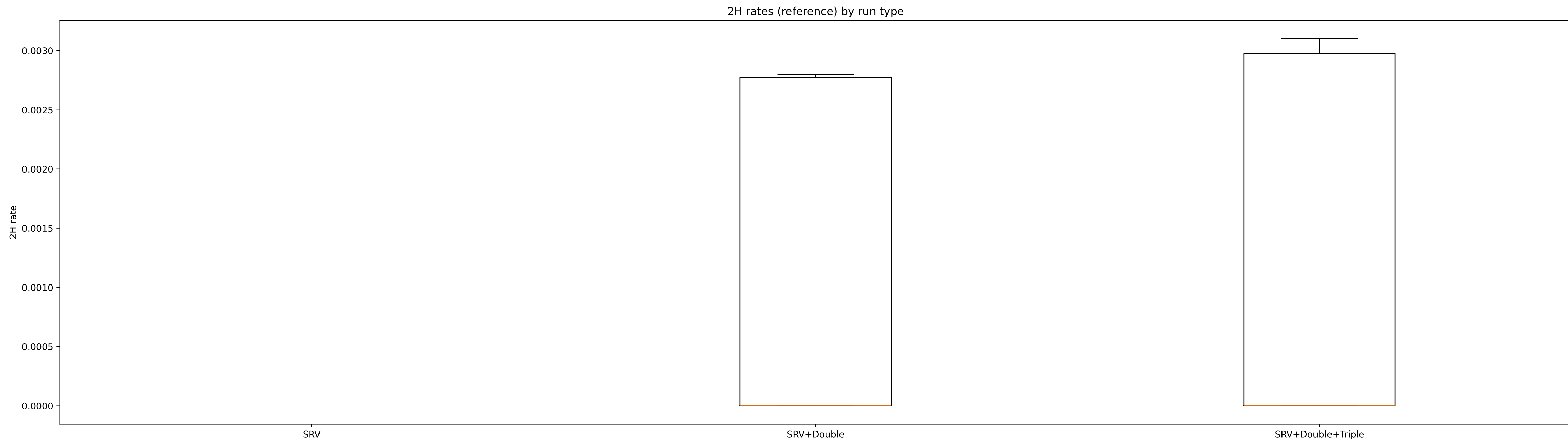
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

Run-type summary statistics

p_median	p_min	p_max	K_median	K_min	K_max	omega_ref_med ian	omega_test_med ian	warnings_count	2H_reference_m edian	2H_test_median
0.0079	0.0079	0.0083	2.57	0.0	2.57	0.2589	0.0309	10	nan	nan
0.0079	0.0079	0.0079	2.59	0.0	2.6	0.2589	0.0309	10	0.0	0.0
0.0079	0.0079	0.0079	2.57	0.0	2.58	0.2589	0.0309	10	0.0	0.0









3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0079	2.57	0.2589	0.0309	
	2	0.0079	2.57	0.2589	0.0309	
	3	0.0079	2.57	0.2589	0.0309	
	4	0.0079	2.57	0.2589	0.0309	
	5	0.0079	2.57	0.2589	0.0309	
	6	0.0079	2.57	0.2589	0.0309	
	7	0.0083	0.0	0.2589	0.0309	
	8	0.0079	2.57	0.2589	0.0309	
	9	0.0079	2.57	0.2589	0.0309	
	10	0.0079	2.57	0.2589	0.0309	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0079	2.59	0.2589	0.0309	
	2	0.0079	2.59	0.2589	0.0309	
	3	0.0079	2.59	0.2589	0.0309	
	4	0.0079	0.0	0.2589	0.0309	
	5	0.0079	2.57	0.2589	0.0309	
	6	0.0079	2.59	0.2589	0.0309	
	7	0.0079	2.6	0.2589	0.0309	
	8	0.0079	2.57	0.2589	0.0309	
	9	0.0079	2.59	0.2589	0.0309	
	10	0.0079	0.0	0.2589	0.0309	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.0079	2.57	0.2589	0.0309	
	2	0.0079	2.57	0.2589	0.0309	
	3	0.0079	0.0	0.2589	0.0309	
	4	0.0079	2.57	0.2589	0.0309	
	5	0.0079	2.57	0.2589	0.0309	
	6	0.0079	2.57	0.2589	0.0309	
	7	0.0079	2.57	0.2589	0.0309	
	8	0.0079	2.57	0.2589	0.0309	
	9	0.0079	2.58	0.2589	0.0309	
	10	0.0079	2.57	0.2589	0.0309	

	test	Negative selection	0.0	80.856	SRV+Double	
	test	Negative selection	0.0	5.719	SRV+Double	
	test	Negative selection	0.0	80.856	SRV+Double	
	test	Negative selection	0.0	5.719	SRV+Double	
	reference	Diversifying selection	Ω-class distributions (all) (cols 1-7/7)	0.0	SRV+Double	
	reference	Negative selection		0.0	SRV+Double	
	reference	Negative selection		100.0	SRV+Double	
	test	Diversifying selection		0.0	SRV+Double	
	test	Negative selection		0.0	SRV+Double	
	test	Negative selection		100.0	SRV+Double	
	reference	Diversifying selection		0.0	SRV+Double	
	reference	Negative selection		3.16	SRV+Double	
	reference	Negative selection		96.84	SRV+Double	
	test	Diversifying selection		0.0	SRV+Double	
	test	Diversifying selection		0.0	SRV+Double	
	test	Negative selection		3.16	SRV+Double	
	test	Negative selection	0.03	96.84	SRV+Double	
	test	Negative selection	0.238	3.16	SRV+Double	
	test	Negative selection	0.257	96.84	SRV+Double	
	reference	Diversifying selection	1.08	0.0	SRV+Double	
	reference	Negative selection	0.184	2.773	SRV+Double	
	reference	Negative selection	0.234	97.227	SRV+Double	
	test	Diversifying selection	1.08	0.0	SRV+Double	
	test	Negative selection	0.184	2.773	SRV+Double	
	test	Negative selection	0.234	97.227	SRV+Double	
	reference	Diversifying selection	1.008	0.0	SRV+Double	
	reference	Negative selection	0.214	31.075	SRV+Double	
	reference	Negative selection	0.275	68.925	SRV+Double	
	test	Diversifying selection	1.02	0.0	SRV+Double	
	test	Diversifying selection	1.008	0.0	SRV+Double	
	test	Negative selection	0.019	31.075	SRV+Double	
	test	Negative selection	0.035	68.925	SRV+Double	
	test	Negative selection	0.214	31.075	SRV+Double	
	test	Negative selection	0.275	68.925	SRV+Double	
	reference	Diversifying selection	1.068	0.0	SRV+Double	
	reference	Negative selection	0.222	57.579	SRV+Double	
	reference	Negative selection	0.246	42.421	SRV+Double	
	test	Diversifying selection	1.068	0.0	SRV+Double	
	test	Negative selection	0.222	57.579	SRV+Double	
	test	Negative selection	0.246	42.421	SRV+Double	
	reference	Diversifying selection	1.006	0.0	SRV+Double	
	reference	Negative selection	0.207	28.883	SRV+Double	
	reference	Negative selection	0.277	71.117	SRV+Double	
	test	Diversifying selection	1.016	0.0	SRV+Double	
	test	Diversifying selection	1.006	0.0	SRV+Double	
	test	Negative selection	0.017	28.883	SRV+Double	
	test	Negative selection	0.035	71.117	SRV+Double	
	test	Negative selection	0.207	28.883	SRV+Double	
	test	Negative selection	0.277	71.117	SRV+Double	
	reference	Diversifying selection	1.066	0.0	SRV+Double	

	2	0.0	39.48	SRV	
	3	2.016	49.603	SRV	
	1	0.0	14.805	SRV	
	2	0.0	35.677	SRV	
	3	2.019	49.518	SRV	
	1	0.0	14.777	SRV	
	2	0.0	35.62	SRV	
	3	2.016	49.603	SRV	
	1	0.0	16.949	SRV	
	2	0.0	33.538	SRV	
	3	2.02	49.513	SRV	
	1	0.0	16.928	SRV	
	2	0.0	33.462	SRV	
	3	2.016	49.609	SRV	
	1	0.0	50.488	SRV	
	2	2.02	39.485	SRV	
	3	2.02	10.027	SRV	
	1	0.0	50.398	SRV	
	2	2.016	10.064	SRV	
	3	2.016	39.538	SRV	
	1	0.0	25.51	SRV	
	2	0.0	24.977	SRV	
	3	2.02	49.514	SRV	
	1	0.0	25.457	SRV	
	2	0.0	24.944	SRV	
	3	2.016	49.6	SRV	
	1	0.0	13.634	SRV	
	2	0.0	36.851	SRV	
	3	2.02	49.515	SRV	
	1	0.0	13.595	SRV	
	2	0.0	36.804	SRV	
	3	2.016	49.601	SRV	
	1	0.0	50.399	SRV	
	2	2.016	34.639	SRV	
	3	2.016	14.962	SRV	
	1	0.0	14.286	SRV	
	2	0.0	36.192	SRV	
	3	2.019	49.522	SRV	
	1	0.0	14.26	SRV	
	2	0.0	36.133	SRV	
	3	2.016	49.607	SRV	
	1	0.0	10.666	SRV	
	2	0.0	39.816	SRV	
	3	2.019	49.518	SRV	
	1	0.0	10.646	SRV	
	2	0.0	39.749	SRV	
	3	2.016	49.605	SRV	
	1	0.0	11.442	SRV	
	2	0.0	39.044	SRV	
	3	0.0	49.605	SRV	

SRV rate classes (all) (cols 1-6/6)

[illegible]