

RELAX Combined Report

SRV vs SRV+Double vs SRV+Double+Triple

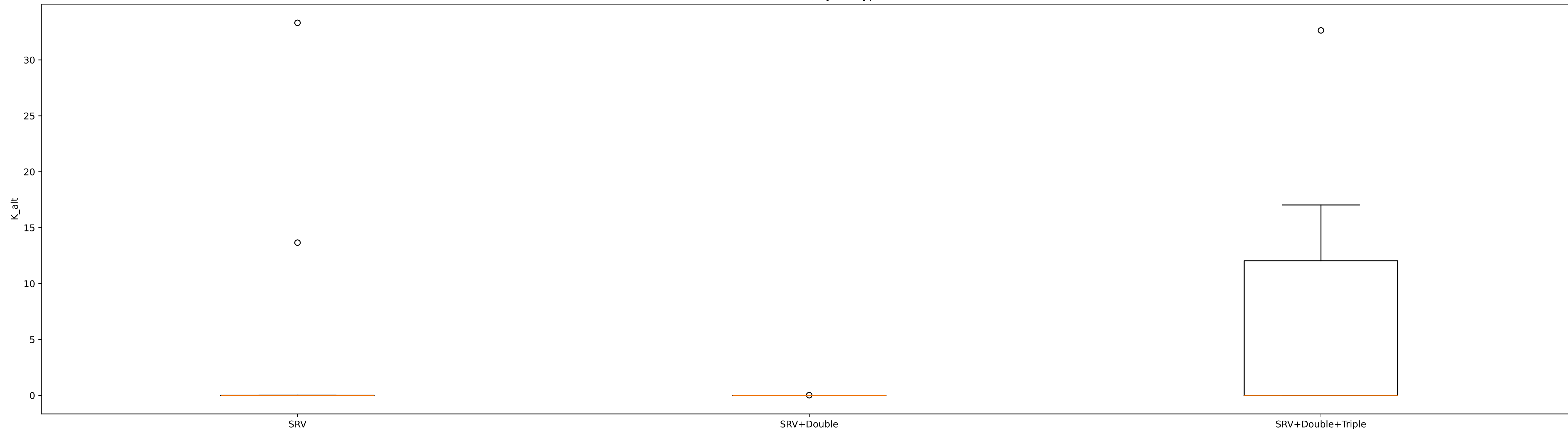
Includes:

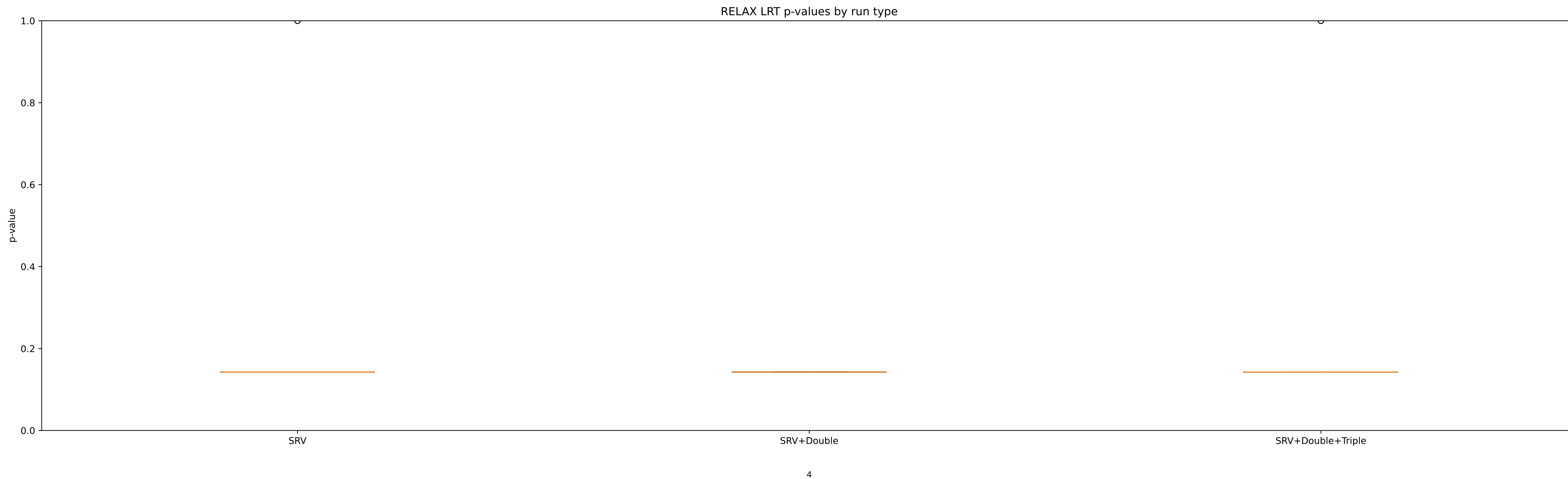
- Run-type summary
- Boxplots: K, p-values, 2H/3H
- Full omega/SRV/multihit tables (column-paged)

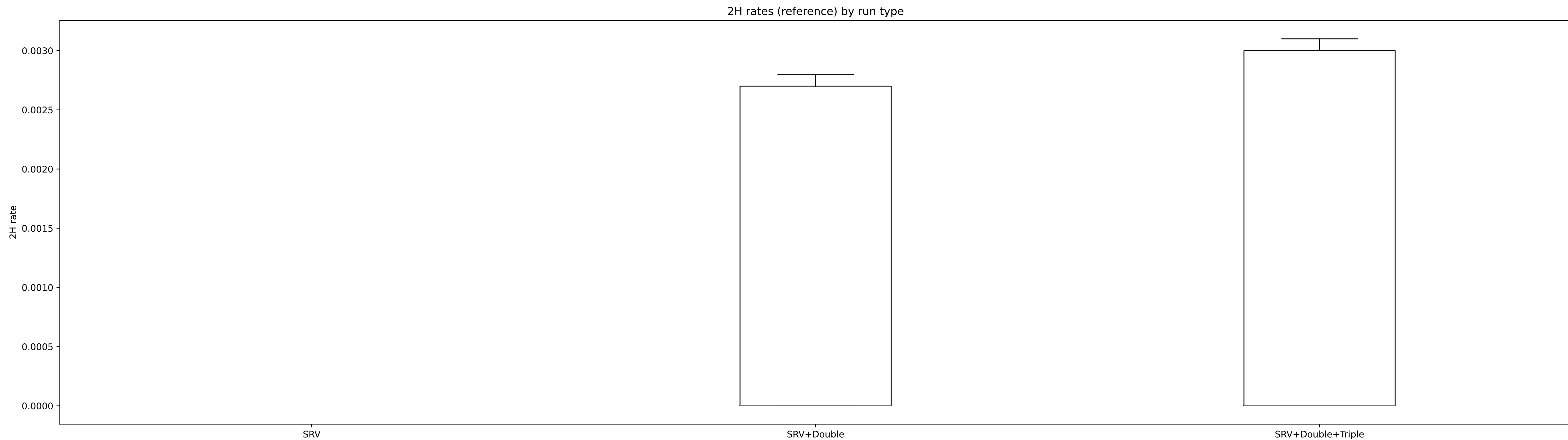
Run-type summary statistics

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
0.1424	0.1424	1.0	0.01	0.01	33.32	0.2245	0.9684	10	nan	nan
0.1426	0.1424	0.1428	0.01	0.01	0.02	0.2245	0.9684	10	0.0	0.0
0.1424	0.1424	1.0	0.015	0.01	32.64	0.2245	0.9684	10	0.0	0.0

K (alternative) by run type









3H rates (reference) by run type



3H rates (test) by run type



	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1424	13.66	0.2245	0.9684	
	2	0.1424	0.01	0.2245	0.9684	
	3	1.0	33.32	0.2245	0.9684	
	4	0.1425	0.01	0.2245	0.9684	
	5	0.1424	0.02	0.2245	0.9684	
	6	0.1424	0.01	0.2245	0.9684	
	7	0.1424	0.01	0.2245	0.9684	
	8	0.1425	0.02	0.2245	0.9684	
	9	0.1425	0.01	0.2245	0.9684	
	10	0.1424	0.01	0.2245	0.9684	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1428	0.01	0.2245	0.9684	
	2	0.1428	0.01	0.2245	0.9684	
	3	0.1424	0.01	0.2245	0.9684	
	4	0.1428	0.01	0.2245	0.9684	
	5	0.1426	0.01	0.2245	0.9684	
	6	0.1424	0.02	0.2245	0.9684	
	7	0.1426	0.01	0.2245	0.9684	
	8	0.1424	0.01	0.2245	0.9684	
	9	0.1427	0.01	0.2245	0.9684	
	10	0.1427	0.01	0.2245	0.9684	

	replicate	p_value	K_alt	global_dNdS_reference	global_dNdS_test	
	1	0.1425	0.01	0.2245	0.9684	
	2	0.1426	0.01	0.2245	0.9684	
	3	1.0	32.64	0.2245	0.9684	
	4	0.1424	0.02	0.2245	0.9684	
	5	0.1424	0.01	0.2245	0.9684	
	6	0.1424	17.03	0.2245	0.9684	
	7	0.1424	0.01	0.2245	0.9684	
	8	0.1425	0.01	0.2245	0.9684	
	9	0.1424	16.05	0.2245	0.9684	
	10	0.1425	0.02	0.2245	0.9684	

	test	Negative selection	0.978	27.019	SRV+Double	
	test	Negative selection	0.981	72.981	SRV+Double	
	test	Negative selection	0.185	27.019	SRV+Double	
	test	Negative selection	0.235	72.981	SRV+Double	
	reference	Diversifying selection	0.0	0.0	SRV+Double	
	reference	Negative selection	0.203	18.76	SRV+Double	
	reference	Negative selection	0.238	81.24	SRV+Double	
	test	Diversifying selection	1.085	0.0	SRV+Double	
	test	Negative selection	0.203	18.76	SRV+Double	
	test	Negative selection	0.238	81.24	SRV+Double	
	reference	Diversifying selection	1.058	0.0	SRV+Double	
	reference	Negative selection	0.196	19.416	SRV+Double	
	reference	Negative selection	0.228	80.584	SRV+Double	
	test	Diversifying selection	1.001	0.0	SRV+Double	
	test	Diversifying selection	1.058	0.0	SRV+Double	
	test	Negative selection	0.976	19.416	SRV+Double	
	test	Negative selection	0.978	80.584	SRV+Double	
	test	Negative selection	0.196	19.416	SRV+Double	
	test	Negative selection	0.228	80.584	SRV+Double	
	reference	Diversifying selection	1.221	0.0	SRV+Double	
	reference	Negative selection	0.18	0.0	SRV+Double	
	reference	Negative selection	0.232	100.0	SRV+Double	
	test	Diversifying selection	1.221	0.0	SRV+Double	
	test	Negative selection	0.18	0.0	SRV+Double	
	test	Negative selection	0.232	100.0	SRV+Double	
	reference	Diversifying selection	1.322	0.0	SRV+Double	
	reference	Negative selection	0.218	46.719	SRV+Double	
	reference	Negative selection	0.225	53.281	SRV+Double	
	test	Diversifying selection	1.004	0.0	SRV+Double	
	test	Diversifying selection	1.322	0.0	SRV+Double	
	test	Negative selection	0.976	46.719	SRV+Double	
	test	Negative selection	0.976	53.281	SRV+Double	
	test	Negative selection	0.218	46.719	SRV+Double	
	test	Negative selection	0.225	53.281	SRV+Double	
	reference	Diversifying selection	1.085	0.0	SRV+Double	
	reference	Negative selection	0.227	86.36	SRV+Double	
	reference	Negative selection	0.257	13.64	SRV+Double	
	test	Diversifying selection	1.085	0.0	SRV+Double	
	test	Negative selection	0.227	86.36	SRV+Double	
	test	Negative selection	0.257	13.64	SRV+Double	
	reference	Diversifying selection	1.052	0.0	SRV+Double	
	reference	Negative selection	0.192	40.519	SRV+Double	
	reference	Negative selection	0.242	59.481	SRV+Double	
	test	Diversifying selection	1.001	0.0	SRV+Double	
	test	Diversifying selection	1.052	0.0	SRV+Double	
	test	Negative selection	0.98	40.519	SRV+Double	
	test	Negative selection	0.983	59.481	SRV+Double	
	test	Negative selection	0.192	40.519	SRV+Double	
	test	Negative selection	0.242	59.481	SRV+Double	
	reference	Diversifying selection	1.079	0.0	SRV+Double	

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

	class_id	syn_rate	proportion_per cent	run_type	
	1	0.0	15.135	SRV	
	2	0.0	35.27	SRV	
	3	2.016	49.595	SRV	
	1	0.0	13.56	SRV	
	2	0.0	36.844	SRV	
	3	2.016	49.597	SRV	
	1	0.0	1.814	SRV	
	2	0.0	48.588	SRV	
	3	2.016	49.598	SRV	
	1	0.0	10.604	SRV	
	2	0.0	39.802	SRV	
	3	2.016	49.594	SRV	
	1	0.0	14.905	SRV	
	2	0.0	35.497	SRV	
	3	2.016	49.598	SRV	
	1	0.0	14.07	SRV	
	2	0.0	36.33	SRV	
	3	2.016	49.599	SRV	
	1	0.0	13.59	SRV	
	2	0.0	36.811	SRV	
	3	2.016	49.599	SRV	
	1	0.0	13.987	SRV	
	2	0.0	36.416	SRV	
	3	2.016	49.597	SRV	
	1	0.0	50.405	SRV	
	2	2.016	21.659	SRV	
	3	2.016	27.936	SRV	
	1	0.0	13.402	SRV	
	2	0.0	36.999	SRV	
	3	2.016	49.599	SRV	

