

Supplemental Table. Log linear subtraction method for assessing dependency relationships of viral type (V), ganglion location (G), side (S), and positivity (P) in complete data set.

Step (b)			Effects	Chi-Square(a)	df	Sig.	Number of Iterations
0	Generating Class(c)		V*G*S*P	.000	0	.	
	Deleted Effect	1	V*G*S*P	3.845	7	.797	3
1	Generating Class(c)		V*G*S, V*G*P, V*S*P, G*S*P	3.845	7	.797	
	Deleted Effect	1	V*G*S	.303	7	1.000	3
		2	V*G*P	10.142	7	.181	3
		3	V*S*P	1.195	1	.274	3
		4	G*S*P	6.172	7	.520	3
2	Generating Class(c)		V*G*P, V*S*P, G*S*P	4.148	14	.995	
	Deleted Effect	1	V*G*P	10.113	7	.182	3
		2	V*S*P	1.242	1	.265	2
		3	G*S*P	5.924	7	.549	2
3	Generating Class(c)		V*G*P, V*S*P, G*S	10.072	21	.978	
	Deleted Effect	1	V*G*P	10.309	7	.172	4
		2	V*S*P	1.440	1	.230	3
		3	G*S	.927	7	.996	2
4	Generating Class(c)		V*G*P, V*S*P	10.998	28	.998	
	Deleted Effect	1	V*G*P	10.410	7	.166	4
		2	V*S*P	1.538	1	.215	3
5	Generating Class(c)		V*G*P, V*S, S*P	12.537	29	.997	
	Deleted Effect	1	V*G*P	10.410	7	.166	3
		2	V*S	.101	1	.751	2
		3	S*P	2.431	1	.119	2
6	Generating Class(c)		V*G*P, S*P	12.638	30	.998	
	Deleted Effect	1	V*G*P	10.410	7	.166	3
		2	S*P	2.331	1	.127	2
7	Generating Class(c)		S*P, V*G, V*P, G*P	23.048	37	.965	
	Deleted Effect	1	S*P	2.330	1	.127	3
		2	V*G	.657	7	.999	2
		3	V*P	35.463	1	.000	2
		4	G*P	15.725	7	.028	2
8	Generating Class(c)		S*P, V*P, G*P	23.705	44	.995	
	Deleted Effect	1	S*P	2.331	1	.127	2
		2	V*P	34.806	1	.000	2
		3	G*P	15.069	7	.035	2
9	Generating Class(c)		V*P, G*P, S	26.035	45	.989	
	Deleted Effect	1	V*P	34.806	1	.000	2
		2	G*P	15.069	7	.035	2
		3	S	.005	1	.944	2
10	Generating Class(c)		V*P, G*P	26.040	46	.992	

a - For 'Deleted Effect', this is the change in the Chi-Square after the effect is deleted from the model.

- b - At each step, the effect with the largest significance level for the Likelihood Ratio Change is deleted, provided the significance level is larger than .050.
- c - Statistics are displayed for the best model at each step after step 0.