

**Additional Table 5** Agreement in Support Vectors between models (only Cohen's kappa is shown). p-values < 0.05 are in **bold**.

Models	SV vs No SV	p-value	SV(alpha<C) vs SV(alpha=C) vs No SV	p-value
	0.05 (-0.20, 0.30)	0.67	0.034 (-0.14, 0.21)	0.71
Species	Control vs HRL			
	0.22 (-0.11, 0.55)	0.19	<b>0.31 (0.14, 0.49)</b>	<b>5e-4</b>
	HRL vs CRC	0.54	<b>0.18 (0.02, 0.35)</b>	<b>0.028</b>
	0.077 (-0.170, 0.32)			
	Control vs HRL	0.99	-0.02 (-0.16, 0.12)	0.79
	0.001 (-0.203, 0.21)			
Genus	Control vs CRC	<b>0.001</b>	<b>0.42 (0.23, 0.61)</b>	<b>1e-5</b>
	<b>0.50</b> <b>(0.203, 0.80)</b>			
	HRL vs CRC	0.25	<b>0.22 (0.059, 0.39)</b>	<b>7.7e-3</b>
	0.15 (-0.10, 0.39)			
	Control vs HRL	0.28	-0.047 (-0.19, 0.09)	0.71
	-0.11 (-0.17, -0.04)			
Family	Control vs CRC	0.14	<b>0.25 (0.079, 0.41)</b>	<b>3.8e-3</b>
	0.20 (-0.063, 0.46)			
	HRL vs CRC	<b>0.037</b>	<b>0.28 (0.12, 0.44)</b>	<b>6.5e-3</b>
	<b>0.24</b> <b>(0.014, 0.47)</b>			