

Online Resource 5. Results from logistic regression for *Aphanomyces* spp. presence in relation to soil macronutrients P, K, and Mg and soil pH in the Agro Plantarum AB dataset.

Variable	Predictor	Estimate	Std. Error	z value	Pr(> z)	Odds_ratio	2.5 % CI	97.5 % CI
P	Intercept	0.20	0.84	0.23	0.82	1.22	0.24	6.66
	log10(P)	-0.63	0.84	-0.75	0.45	0.53	0.10	2.66
K	Intercept	1.62	1.26	1.29	0.20	5.04	0.49	70.18
	log10(K)	-1.81	1.11	-1.63	0.10	0.16	0.02	1.24
Mg	Intercept	0.65	0.94	0.69	0.49	1.92	0.31	13.12
	log10(Mg)	-0.92	0.80	-1.16	0.25	0.40	0.07	1.79
pH	Intercept	3.23	2.48	1.30	0.19	25.19	0.22	4146.44
	pH	-0.54	0.37	-1.47	0.14	0.58	0.27	1.17

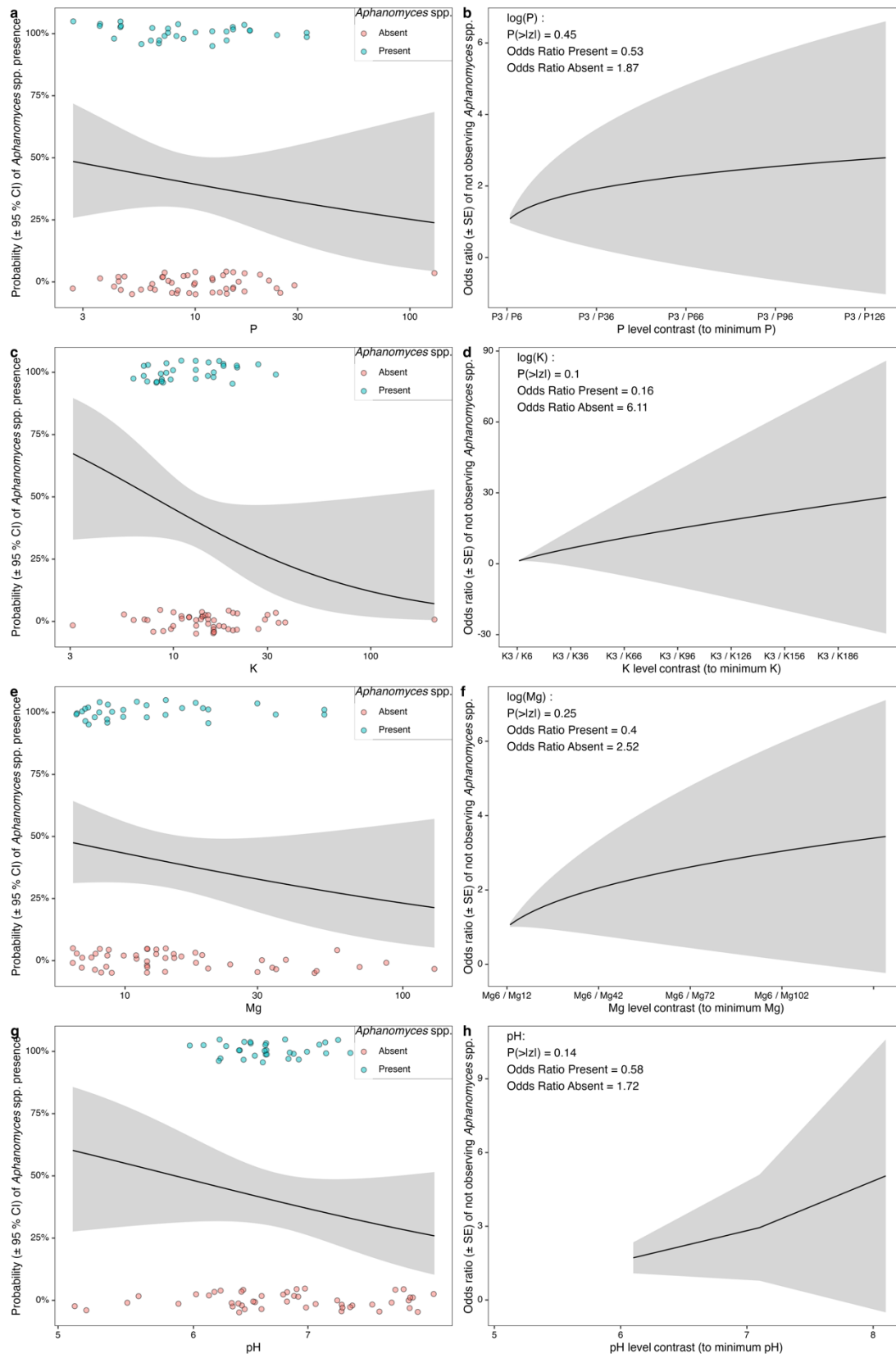


Fig: Probability for *Aphanomyces* spp. presence and odds ratio for not observing *Aphanomyces* spp. in relation to varying levels of soil macronutrients (mg / 100 g dry soil) P, K, and Mg and soil pH.

Distribution of plant pathogenic *Aphanomyces* species in Sweden and its relationship with soil factors. Journal of Plant Pathology. Josefin Wikström, Sidhant Chaudhary, Lars Persson, Mariann Wikström, Magnus Karlsson. Corresponding author: Magnus Karlsson, Department of Forest Mycology and Plant Pathology, Swedish University of Agricultural Sciences, Uppsala, Sweden. magnus.karlsson@slu.se.