Family	n	Best model based on	$B_{PC1}$	Pr <sub>PC1</sub>	$B_{_{\mathrm{PC2}}}$	Pr <sub>PC2</sub>	
Asteraceae	112	$Y \sim \beta_{ms} X_{ms}$	+ $B_{PC2}X_{PC2}$ + Random effect			0.109	0.082
Brassicaceae	56	$Y \sim \beta_{ms} X_{ms}$	+ B <sub>PC2</sub> X <sub>PC2</sub> + Random effect			0.327	0.030
Solanaceae	101	$Y \sim \beta_{ms} X_{ms} + \beta_{PC1} X_{PC1}$	+ Random effect	-0.177	9.36E-07		
ms: mating syst	em (self-	compatible [1] and self-incom	patible [0]). PC1-2: Principal compon	ents of climate	variables.		