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Is quantity or quality of food influencing the reproduction of rice-field rats in the Philippines?

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The AIC model incorporated either a rice growth stage (categorical), percentage of monocotyledonous plant parts or monocotyledonous grain in the diet (categorical) as the categorical explanatory variables. Rodents Breeding condition (0 for females not in breeding condition/1 for females in breeding condition) and litter size as the response of each female. The model was run individually for breeding condition and litter size with three predictors. The interaction model was not incorporated as monocotyledonous grain in the diet did not occur in all different crop stages.

Table S1. Relationship between female breeding, litter size, crop stage and diet components of *R. tanezumi* (Laguna), *R. tanezumi* (San Jose), and *R. argentiventer* (San Jose). Akaike's information criterion (AIC) values are measures of parsimony between the fitted models and data, lower scores indicate greater parsimony. P value is the value from multinomial regression analysis.

	Breeding						**Liter size**					
	Crop stage		Monocotyledonus plant parts		Monocotyledonus grain		Crop stage		Monocotyledonus plant parts		Monocotyledonus grain	
	AIC value	P value	AIC value	P value	AIC value	P value	AIC value	P value	AIC value	P value	AIC value	P value
***R. tanezumi* (Laguna)**	132.11	<0.001 (d.f=278)	120.89	<0.001 (d.f=46)	319.25	0.006 (d.f=55)	200.07	0.017 (d.f= 40)	380.92	0.062 (d.f=55)	150.68	0.002 (d.f=55)
***R.tanezumi* (San Jose)**	419.53	0.521 (d.f= 278)	308.87	0.503 (d.f=55)	85.95	0.011 (d.f=55)	350.49	0.562 (d.f= 40)	440.27	0.621 (d.f=55)	140.32	0.002 (d.f=55)
***R. argentiventer* (San Jose)**	131.43	<0.01 (d.f= 278)	185.96	0.019 (d.f=40)	122.67	0.002 (d.f=46)	220.86	0.031 (d.f= 46)	119.24	0.004 (d.f=46)	170.33	0.052 (d.f=40)