

TABLE 50. The influence of *Iris pseudacorus* growth on *Acorus calamus* as determined by fresh weight gain in g (of *Acorus*) from a 5×5 Latin square design experiment on logarithmic ($\log(x + 1)$) transformed data

Characteristics	Treatments				
	All <i>Iris</i>	2/3 <i>Iris</i>	1/2 <i>Iris</i>	1/3 <i>Iris</i>	No <i>Iris</i>
Original mean	0.0	180.9	266.7	365.6	550.5
Adjusted transformed mean	0.555	2.178	2.288	2.406	2.536
Corrected mean	2.6	149.6	193.1	253.5	342.2

Analysis of covariance: $F_{4/11 \text{ df}} = 3.127$; not significant at 0.05.

Bartlett's: $\chi^2_{4 \text{ df}}$ for log of initial weight = 7.629; no significant variance at 0.1.

Bartlett's: $\chi^2_{4 \text{ df}}$ for log of final weight = 7.674; no significant variance at 0.1.