

TABLE 16. Comparison of 1 year with 90 days (0.25 year) of growth by frequency (f/m^2) from dm^2 grid in cleared understory *L. japonica* from a paired plot design experiment with 10 replications

Characteristics	Treatments	
	90 days of growth	1 year of growth
Original F. Data		
Standard deviation	0.3	0.7
Mean f/m^2	99.9	99.7
Arc Sine Trans. Data		
Mean f/m^2	89.4	88.6
Corrected mean	100.0	99.9

Modified t tests: $t_{9\ df} = 0.848$ (original) and 0.737 (transformed); both are not significant at 0.1.

Unmodified t test for transformed data: $t_{9\ df} = 1.0$; not significant at 0.1.

Variance ratio: $F_{orig.} = 4.555$, significant at 0.025; $F_{trans.} = 2.691$, significant at 0.1.

Individual $\chi^2_{1\ df}$ for each pair of plots: all 10 pairs not significant at 0.1.

Heterogeneity $\chi^2_{9\ df} = -3.964$; significant (note negative number).