

TABLE 14. Comparison of 1 year of growth with control 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	
	control no treatment	1 year of growth
Original F. Data		
Standard deviation	0	0.7
Mean $f/m^2$	100	99.7
Arc Sine Trans. Data		
Mean $f/m^2$	90	88.6
Corrected mean	100	99.9

Modified  $t$  tests:  $t_{9\ df} = 1.405$  (original) and 1.472 (transformed); both are not significant at 0.1

Variance ratio:  $F_{orig.} = 455.55$  and  $F_{trans.} = 8866.77$ ; both are significant beyond 0.001.

Pooled  $\chi^2_{1\ df} = 0.009$ ; not significant at 0.1.

Heterogeneity  $\chi^2_{9\ df} = 0.041$ ; not significant at 0.1.