

difficult to judge whether there is

clustering, so we calculate a clustering coefficient - Ripley's K– for occupied burrows at 5-400m

> 100 200 300 distance (m)

We then compare this to Ripley's K of random samples to evaluate the significance. This is repeated for 337 squares of in

total 8614 burrows

Conclusions

Clustering of occupied burrows occurs..
in ~19 % of the locations
Most in 2012 (compared to 2011 and 2013)
More at occupancies between 25 and 75 %
than below or above 25 and 75 % occupancy
Significant dispersed patterns of occupied
burrows are present in 2.1% of the locations

These results should be included in plague models

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