

1139-57-513

**Catalina Betancourt** (catalina-betancourt@uiowa.edu), **Isabel K Darcy\***  
(idarcybiomath@gmail.com) and **Robert G Scharein** (rob@hypnagogic.net). *Persistent  
homology heatmaps of knots.*

We calculated the persistent homology of knots and compare their barcodes using heatmaps. (Received February 19, 2018)