**Title**

Changing spatial patterns of stand-replacing fire in California mixed-conifer forests

**Highlights**

* A novel metric for analyzing spatial pattern in stand-replacing fire is analyzed
* Stand-replacing patches have become larger and more regularly-shaped over time
* Wildland fire use and higher temperatures contribute to this change in spatial pattern
* Fine-grained spatial pattern of stand-replacing fire should be a management objective
* A web app is introduced to calculate this metric: stevensjt.shinyapps.io/sdc\_app