

Results

Renata Diaz

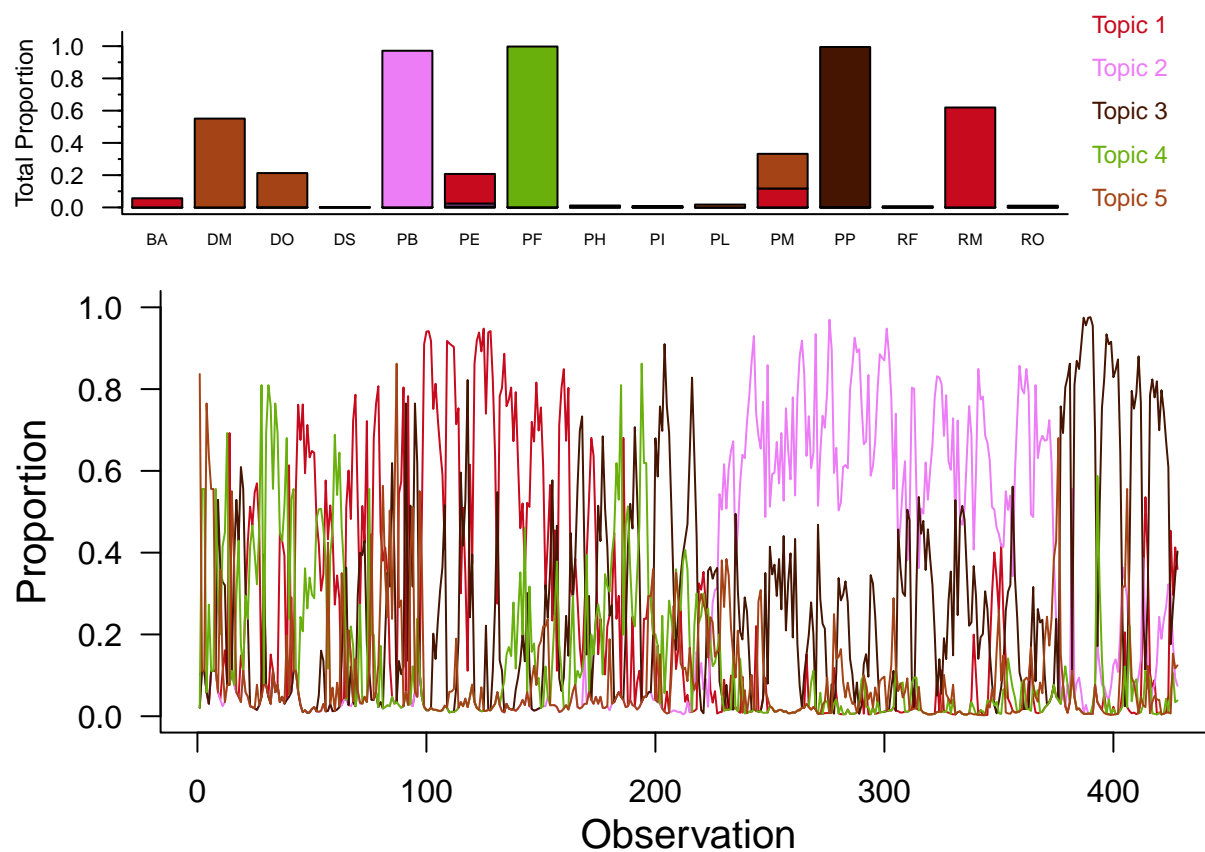
5/30/2018

Exclosure plots

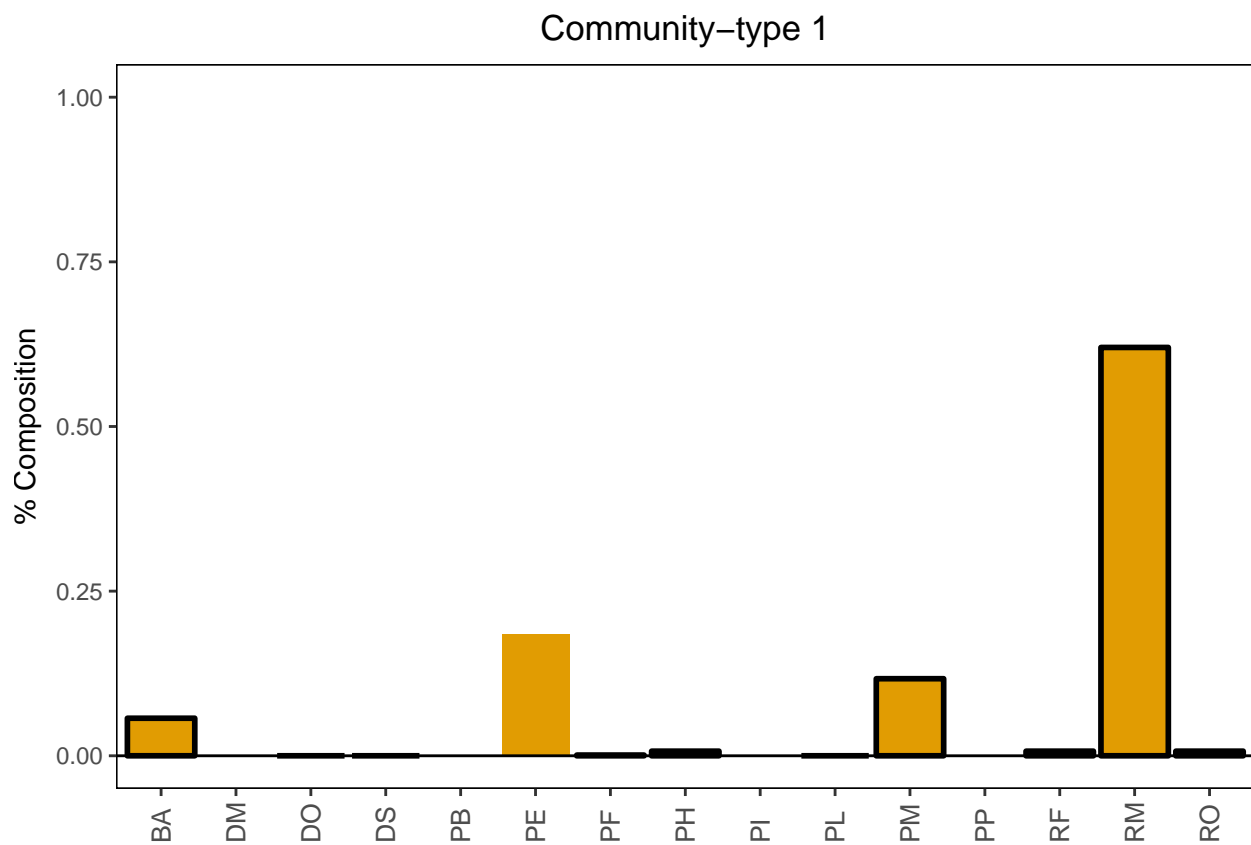
Granivores only, fewer plots (4), full time series.

```
load('models/excl_time_gran.Rdata')
```

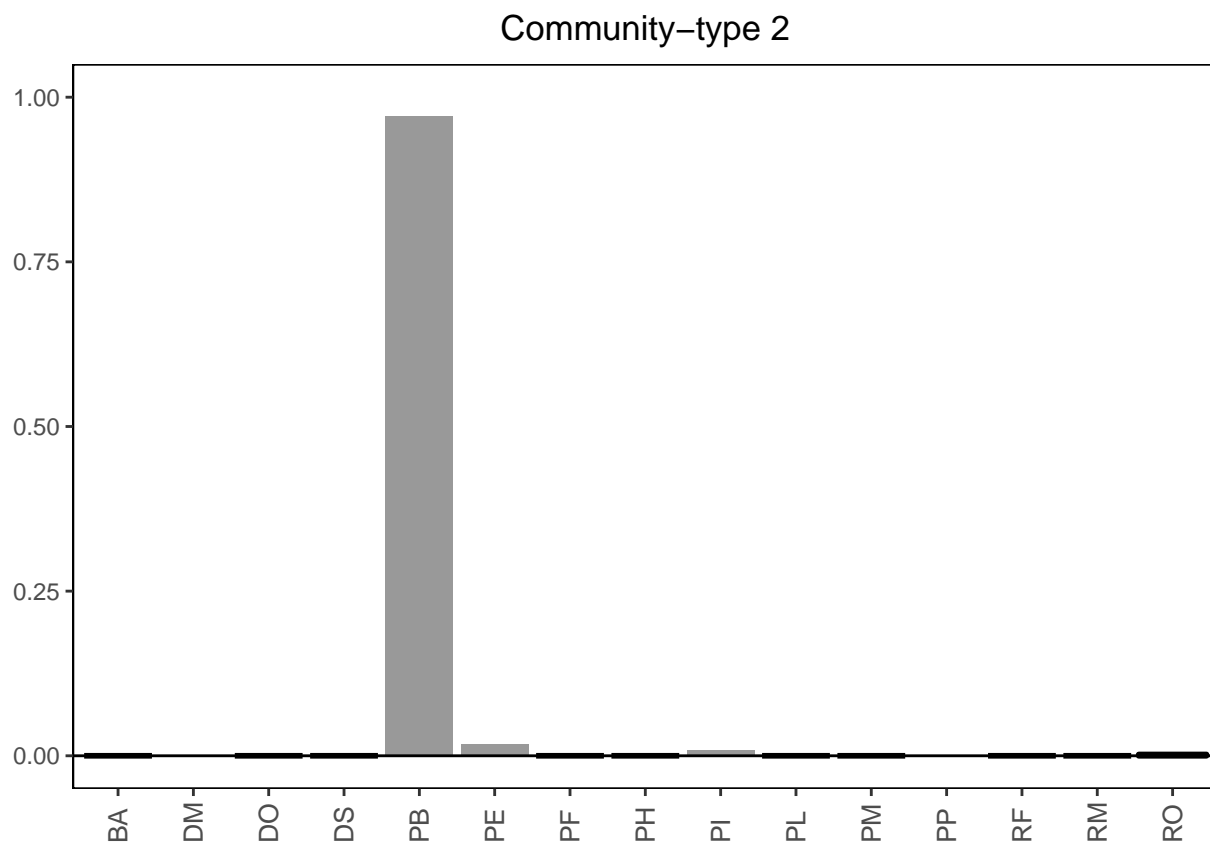
LDA model:



```
## [[1]]
```

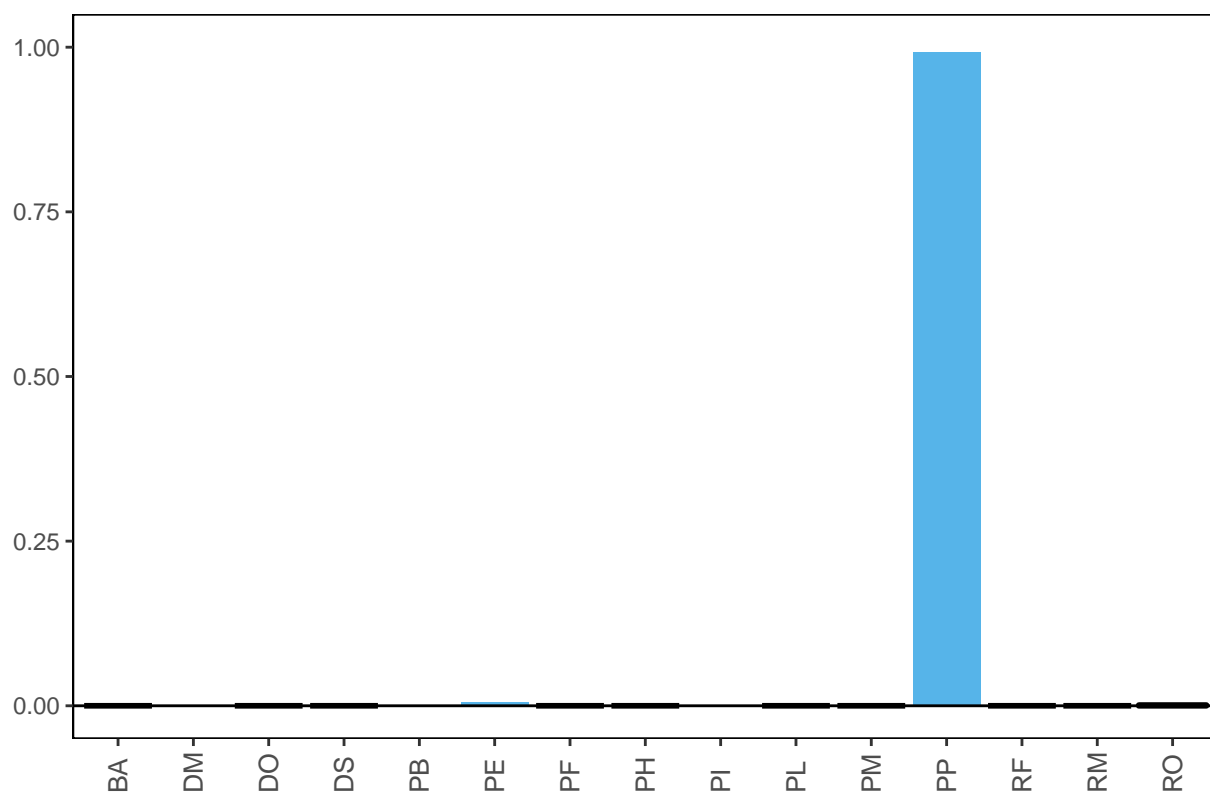


```
##  
## [[2]]
```



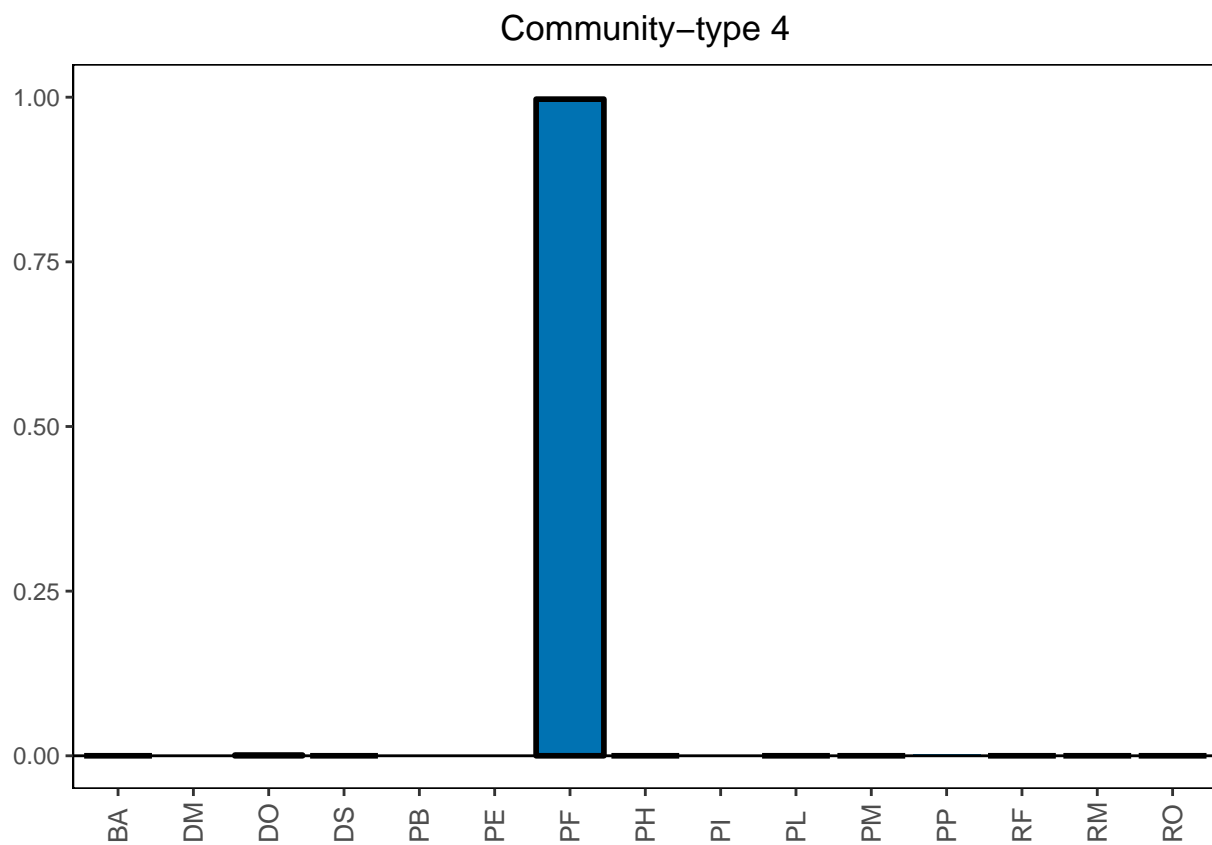
```
##  
## [[3]]
```

Community-type 3



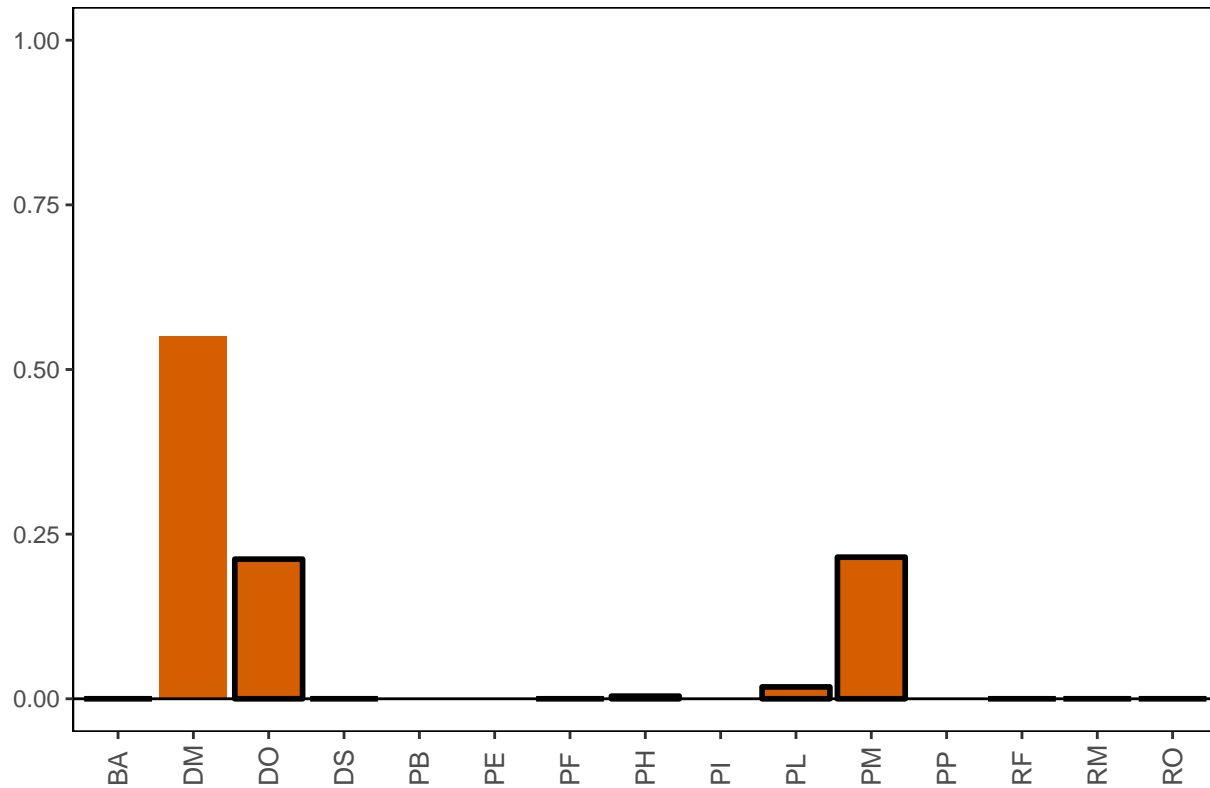
##

[[4]]



```
##  
## [[5]]
```

Community-type 5



Changepoint model:

```
##           Mean   Median   Lower   Upper   SD MCMCerr   AC10
## Changepoint_1 1974.11 1997.79 1784.789 1999.789 91.57  0.9203 0.5874
## Changepoint_2 2008.44 2009.79 1996.789 2011.789  4.50  0.0452 0.8130
##           ESS
## Changepoint_1 39.23734
## Changepoint_2 41.23844

## $acceptance_rates
## [1] 0.1236364 0.6030303 0.9063636 0.9601010 0.9710101 0.9738384
##
## $swapping_rates
## [1] 0.1046465 0.2809091 0.8491919 0.9692929 0.9851515
##
## $strip_counts
## [1] 26  9 22 11 32  4
##
## $strip_rates
## [1] 0.0026262626 0.0009090909 0.0022222222 0.0011111111 0.0032323232
## [6] 0.0004040404
```