

# EcologicalNetwork.jl

Analysis of ecological interactions

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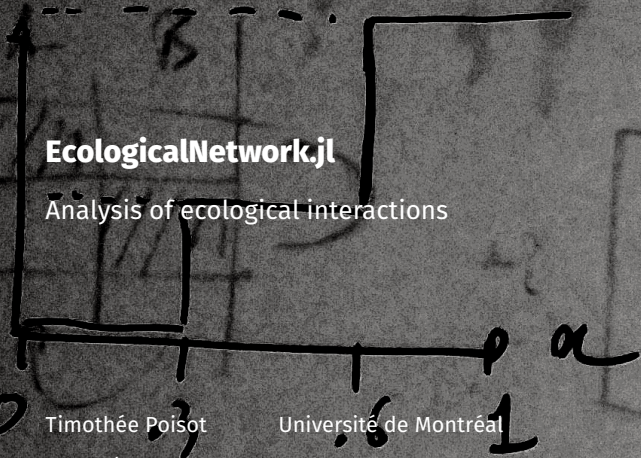
$$X =$$

.5
.9
.7
.25
.95

$$K=6$$

$\tau_1$

$q(a, g, \theta)$



## The EcologicalNetwork package

---

```
using EcologicalNetwork  
data = ollerton();
```

```
η(data)
```

```
3-element Array{Float64,1}:
```

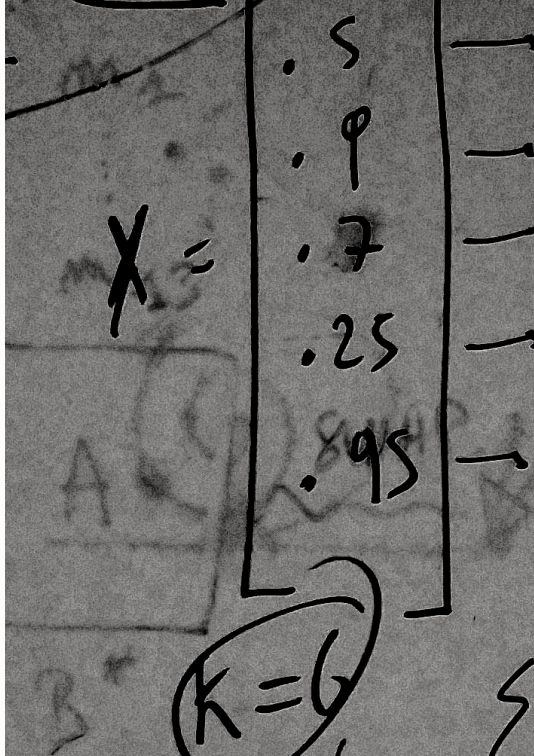
```
0.640955
```

```
0.646288
```

```
0.635621
```

## Visualising networks

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## Setting up the environment

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using Plots

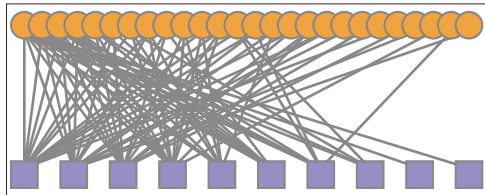
pgfplots()

Plots.PGFPLOTSBackend()

## Default plotting

---

```
p1 = plot(data, size=(250, 100));  
savefig(p1, "figures/ollerton.tex");
```



## Output



Some code

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$$X = \begin{bmatrix} .5 \\ .9 \\ .7 \\ .25 \\ .95 \end{bmatrix}$$

$K=6$

## Default plotting

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