~~$V_I = \sum_{i=1}^{t} \frac{d_i}{n_i(n_i-d_i)}$~~

Collection of networks

This is a trial pipeline

One network

Make it small, like 10 nodes, ER ($p=1/2$)

for L s.t.
L=0% → Run until 100 extinctions at each node
Record:
- Stopping time
- Survival tables for each node.

L=5%
L=10%
⋮
L=95%
L=100%

~~What is the~~ What python library does Kaplan-Meier analysis?

scikit-survival: built on top of scikit-learn

sk-survival

sksurv.nonparametric.kaplan_meier_estimator()

A note that statistical tests such as log rank are more appropriate for telling if survival curves are distinct

```
data_x_numeric = OneHotEncoder().fit_transform(data_x)
estimator = CoxPHSurvivalAnalysis()
estimator.fit(data_x_numeric, data_y)
```