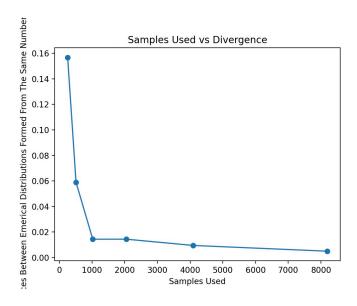
6.380 Lab #5

part a)



past b) Run 1

0.005258: /wiki/Standard deviation 0.005129: /wiki/Questionnaire 0.005108: /wiki/Regression analysis 0.005072: /wiki/Descriptive statistics 0.005053: /wiki/Crime statistics 0.005012: /wiki/Likelihood function 0.004899: /wiki/Generalized linear model 0.004713: /wiki/Posterior probability 0.004545: /wiki/Bayesian linear regression 0.004498: /wiki/Bayesian inference 0.004335: /wiki/Credible interval 0.004321: /wiki/Ordinary least squares 0.004231: /wiki/Bayes factor 0.004205: /wiki/Bayesian probability 0.004166: /wiki/Logistic regression 0.004162: /wiki/Errors and residuals in statistics 0.004162: /wiki/Geographic informationsystem 0.004152 : /wiki/Econometrics 0.004114 : /wiki/Time series 0.004084 : /wiki/Geostatistics

are highlighed

Pun 2

0.005279: /wiki/Standard deviation 0.005131: /wiki/Questionnaire 0.005114: /wiki/Regression analysis 0.005086: /wiki/Descriptive statistics

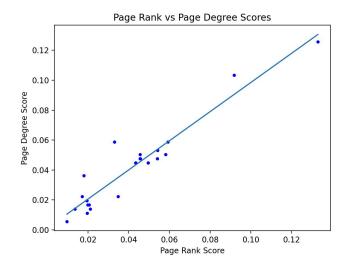
0.005045: /wiki/Likelihood function

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0.005014: /wiki/Crime statistics
0.004958: /wiki/Generalized linear model
0.004725: /wiki/Posterior probability
0.004544: /wiki/Bayesian linear regression
0.004468: /wiki/Bayesian inference
0.004342: /wiki/Credible interval
0.004314: /wiki/Ordinary least squares
0.004257: /wiki/Bayes factor
0.004192: /wiki/Bayesian probability
0.004163: /wiki/Logistic regression
0.004152: /wiki/Geographic information system
0.004150: /wiki/Errors and residuals in statistics
0.004141: /wiki/Econometrics
0.004126: /wiki/Time series
0.004092: /wiki/Prior probability
                                                 Run 3
        0.005253: /wiki/Standard deviation
        0.005142: /wiki/Questionnaire
        0.005123: /wiki/Regression analysis
        0.005078: /wiki/Descriptive statistics
        0.005051: /wiki/Crime statistics
        0.005009: /wiki/Likelihood function
        0.004922: /wiki/Generalized linear model
        0.004711: /wiki/Posterior probability
        0.004523: /wiki/Bayesian linear regression
        0.004489: /wiki/Bayesian inference
        0.004315: /wiki/Credible interval
        0.004293: /wiki/Ordinary least squares
        0.004259: /wiki/Bayes factor
        0.004187: /wiki/Logistic regression
        0.004180: /wiki/Geographic information system
        0.004176: /wiki/Bayesian probability
        0.004163: /wiki/Econometrics
        0.004153: /wiki/Time series
        0.004149: /wiki/Errors and residuals in statistics
        0.004107: /wiki/Geostatistics
```

- (i) No. There could be parges with o links or one component to the other but net the other way around which is nest likely the case
- (ii) The chash becomes fully communicable because every state becomes connected with a probablity.

 since all states are now connected, the sheady state probablity will be closer to uniform.
- (iii) In order to increase the ranking,
 you need to have more way of reading
 your website. So either having a lot of
 links to site or being linked to sites
 with high visit.

(b



If there are partner that are very likely, then the page will have low degree but Ra high rank.