clusteringcoeff

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The Graph Structure of Public Software Development

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TODO: Add citation string

1 Replication Package: Clustering Coefficient Distribution

```
[3]: from pathlib import Path
  import matplotlib.pyplot as plt
  import numpy as np
  import common

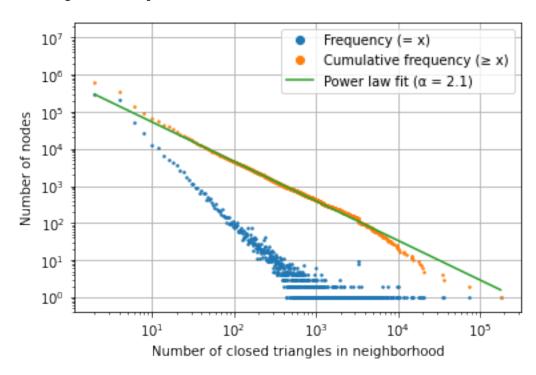
DATASET = Path('../experiments/clusteringcoeff')

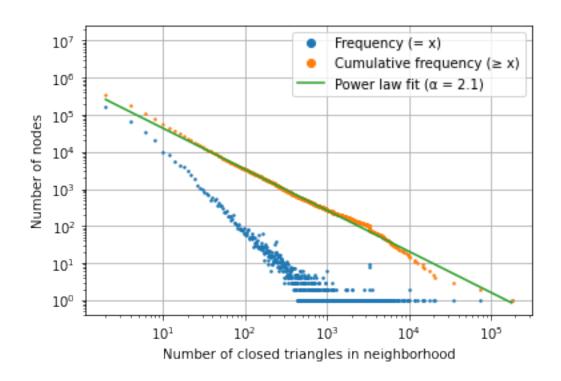
def show_distribution(name):
    title = "Clustering coefficient distribution ({}}\)".format(
       common.LAYERS[name],
       ' aĂŤ 1% uniform sample'
    )

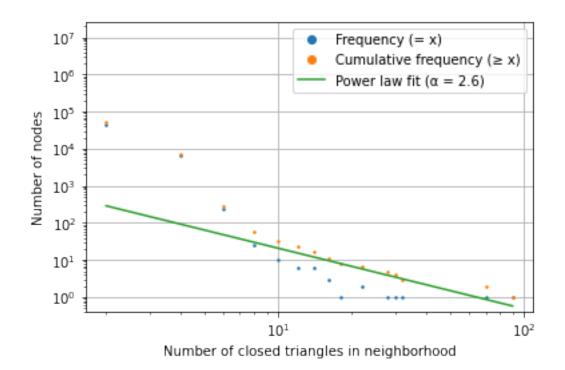
    x, y = common.load_text_distribution(DATASET / 'distribution-{}\}.txt'.
    -format(name.replace('+', '')))
    dist = common.Distribution(x, y, "Number of closed triangles in_
    -neighborhood", "Number of nodes", title)
    common.plot_all(dist, 'figures/clusteringcoeff', name)
```

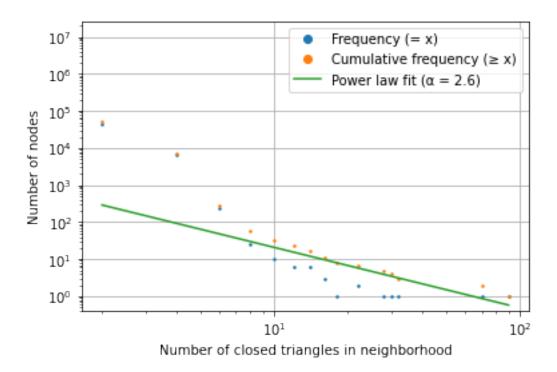
```
[4]: show_distribution('full')
    show_distribution('dir+cnt')
    show_distribution('rev')
    show_distribution('rel+rev')
```

Singular histogram ori+snp









[]: