PADGETT-FLORENTINE-FAMILIES MULTIPLEX NETWORK

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Reference and Acknowledgments

This README file accompanies the dataset representing the multiplex social network of a corporate law partnership. If you use this dataset in your work either for analysis or for visualization, you should acknowledge/cite the following paper:

```
"Robust Action and the Rise of the Medici, 1400-1434"
JF Padgett, CK Ansell
American journal of sociology, 1259-1319 (1993)
```

Description of the dataset

The multiplex social network consists of 2 layers (marriage alliances and business relationships) describing florentine families in the Renaissance.

There are 16 nodes in total, labelled with integer ID between 1 and 16, with 35 connections. The multiplex is undirected and unweighted, stored as edges list in the file

```
Padgett-Florentine-Families_multiplex.edges
```

with format

```
layerID nodeID nodeID weight
```

(Note: all weights are set to 1)

The IDs of all layers are stored in

```
Padgett-Florentine-Families_layers.txt
```

The IDs of nodes and their labels can be found in the file

```
Padgett-Florentine-Families_nodes.txt
```

License

The PADGETT-FLORENTINE-FAMILIES MULTIPLEX DATASET is provided "as is" and without warranties as to performance or quality or any other warranties whether expressed or implied.