

KAPFERER-TAILOR-SHOP MULTIPLEX NETWORK

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Reference and Acknowledgments

This README file accompanies the dataset representing the multiplex social network in a tailor shop. If you use this dataset in your work either for analysis or for visualization, you should acknowledge/cite the following book:

```
"Strategy and transaction in an African factory"  
Kapferer B. (1972)  
Manchester: Manchester University Press
```

Description of the dataset

Interactions in a tailor shop in Zambia (then Northern Rhodesia) over a period of ten months.

Layers represent two different types of interaction, recorded at two different times (seven months apart) over a period of one month. TI1 and TI2 record the "instrumental" (work- and assistance-related) interactions at the two times; TS1 and TS2 the "sociational" (friendship, socioemotional) interactions.

The data are particularly interesting since an abortive strike occurred after the first set of observations, and a successful strike took place after the second.

There are 39 nodes in total, labelled with integer ID between 1 and 39, with 1018 connections. The multiplex is directed and unweighted, stored as edges list in the file

```
Kapferer-Tailor-Shop_multiplex.edges
```

with format

```
layerID nodeID nodeID weight
```

(Note: all weights are set to 1)

The IDs of all layers are stored in

```
Kapferer-Tailor-Shop_layers.txt
```

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

Kapferer-Tailor-Shop_nodes.txt

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