NL vs. AM vs. BP

Node Encoding

- x,y
- Orthogonal Axes
- Parallel Axes

Edge Encoding

- Lines with arrowheads
- Position
- Lines

Network Layout

- Force Layout
- Vertex Ordering
- Vertex Ordering

Cluster Encoding

- Nodes Proximity
- Edges Visibility
- Edges Visibility

Density Encoding

- Edge Overdrawing
- Edge Packing
- Edge Overdrawing

Tasks

T4: Node In-degree Vs. Out-degree
H_5: AM is more accurate than NL and BP for T4

T5: Representation Mapping
H_5: BP is more accurate than AM for T5

T1: Network Class Identification
H_1: AM and BP are more accurate than NL for T1

T2: Cluster Detection
H_2: NL and BP are more accurate than AM for T2.

T3: Network Density Estimation
$H_3(0)$: There is no statistical significance in accuracy for T3

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