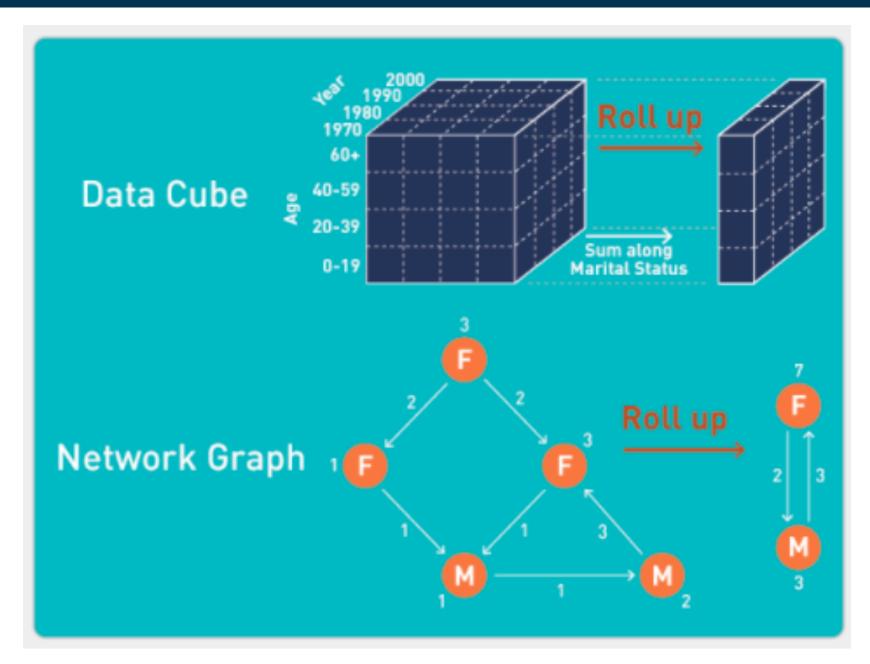
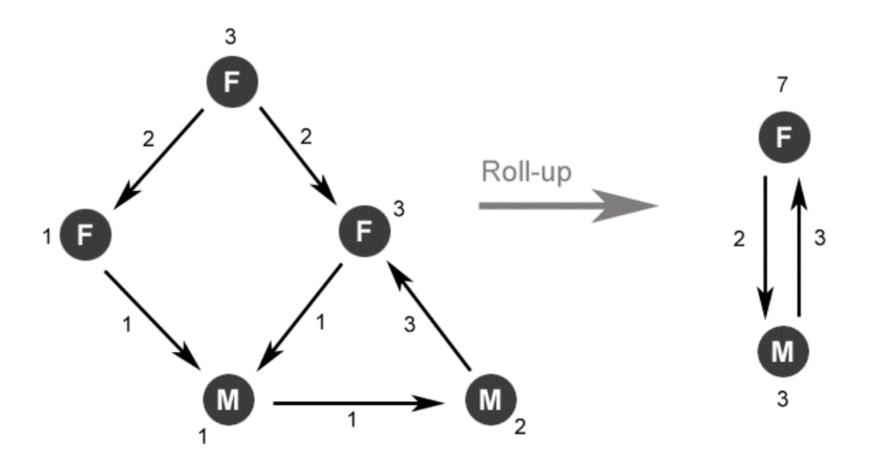
Reducing Complexity

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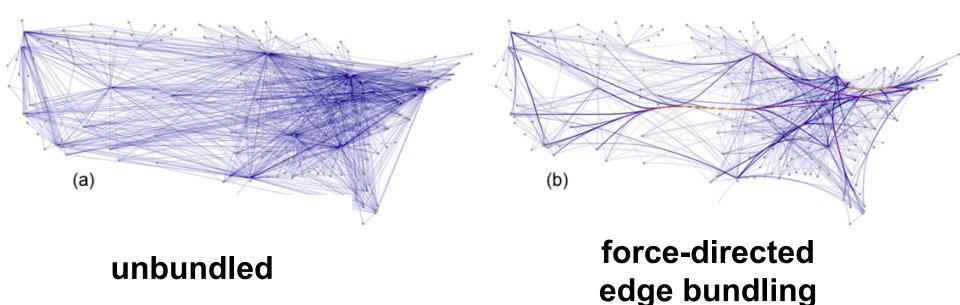


PivotGraph (Wattenberg)



Edge Bundling

Holten & van Wijk, 2009



Holten, D., & Van Wijk, J. J. (2009). Force-directed edge bundling for graph visualization. In *Computer Graphics Forum* (Vol. 28, No. 3, pp. 983-990).

Filtering, Subsetting, Binning

Techniques often necessary for static vis and complement interactive/exploratory vis

Combine with network statistics (attributes)

Statistical pitfalls for subsetting on networks (caution)

Sampling Strategies

Random node selection

Random edge selection

Crawling (random walks)

Goals

Statistically represente subgraph

Re-estimation of network parameters, node/edge attributes

Vis!

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