FACTSET REVERE SUPPLY CHAIN RELATIONSHIP DATA

Marat Davletshin Brian Fugate







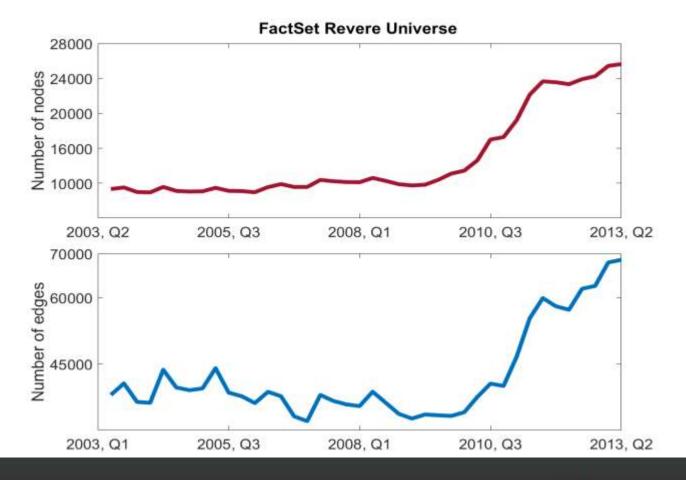
PARTNER-FACTSET REVERE DATASE PARTNER-COLLABORATION SUPPLIER JOINT_VENTURE_ PARTNER-IN_LICENCING UNSTRUCTURED DATA PARTNER-- SUPPLIER FIRM CUSTOMER MARKETING - CUSTOMER FIRM PARTNER-Other - START DATE OTHERS - END DATE PARTNER-- RELATIONSHIP VALUE COMPETITOR DISTRIBUTOR (IN SOME CASES) PARTNER-SOURCES: TECHNOLOGY **SEC FILINGS, ANNUAL REPORTS**

THE EARLIEST START DATE IS APRIL 1, 2003; THE LATEST IS TODAY

CORPORATE WEBSITES, NEWS



DATASET DESCRIPTION



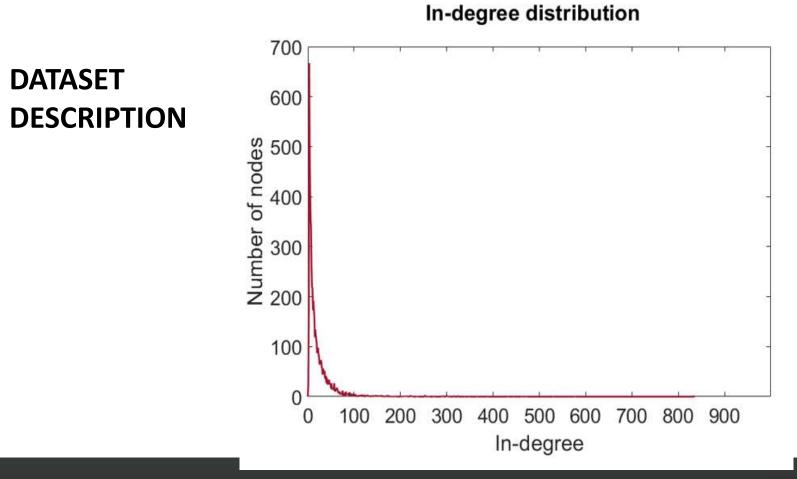


Comparison with alternatives

- FactSet: 62,672 edges in 2012 (Q4)
- Compustat Customer Segment: 6,351 edges in 2012 (Q4)

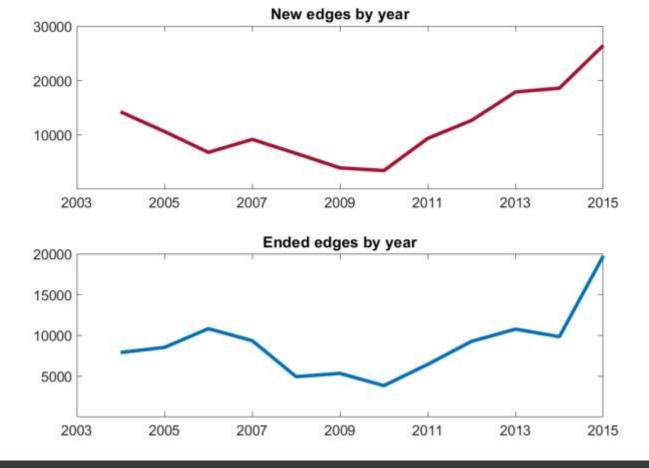








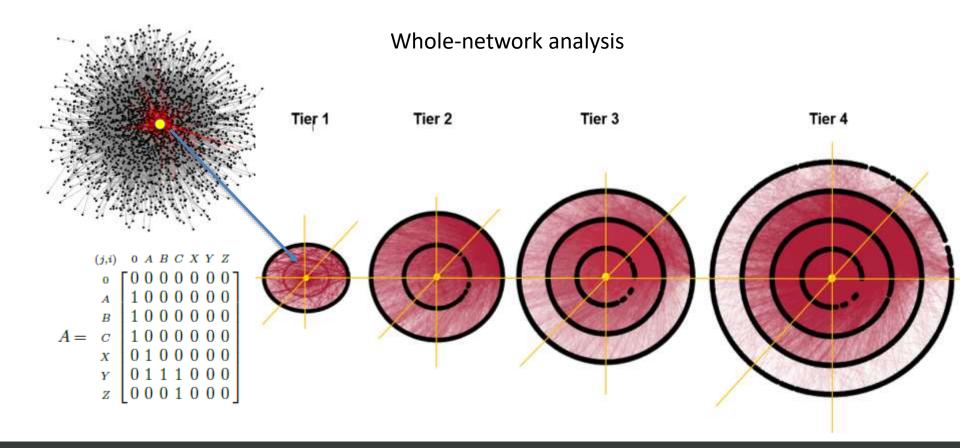
DATASET DESCRIPTION





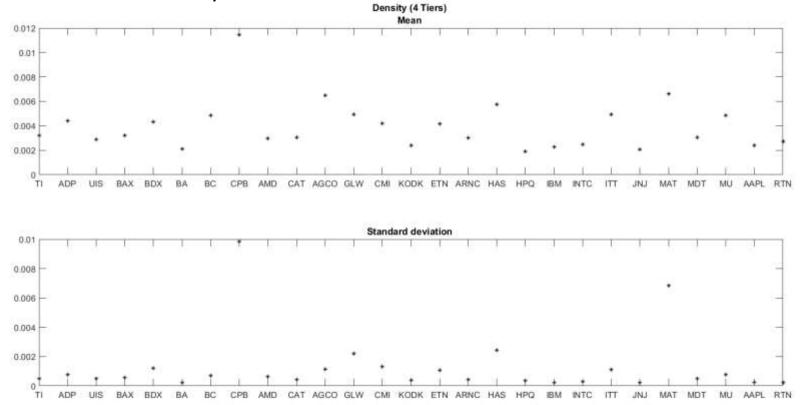
WALTON

ARKANSAS





Whole-network analysis

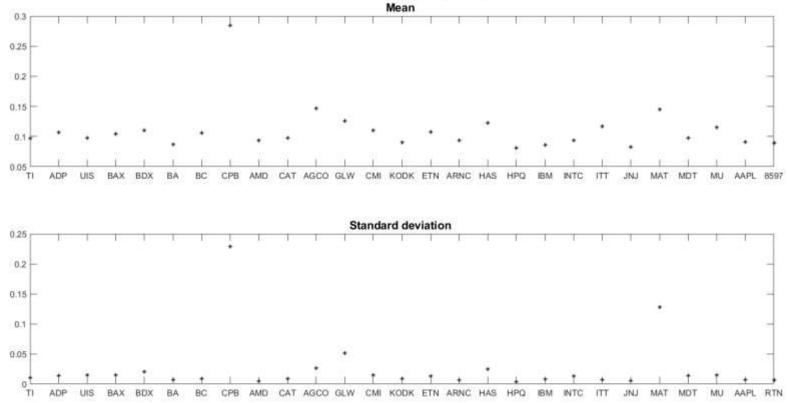






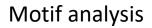
Whole-network analysis Small World C

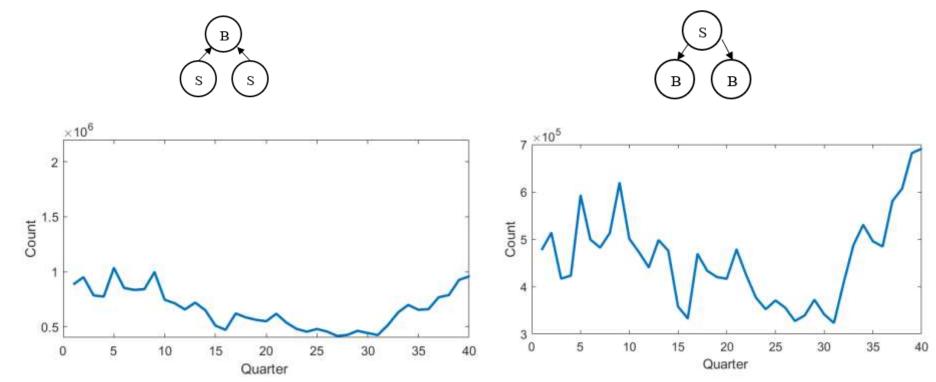
Small World Coefficient (4 Tiers)





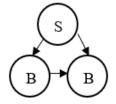


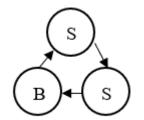


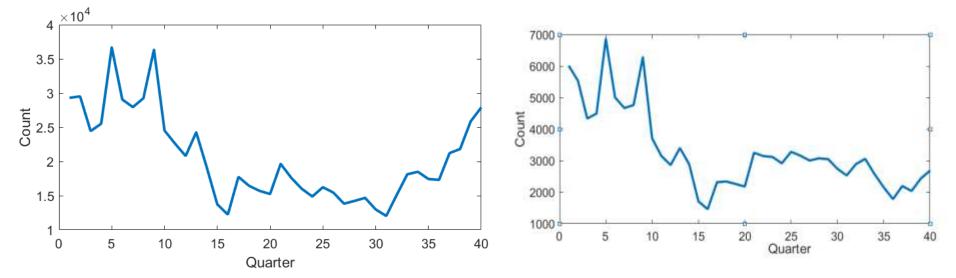




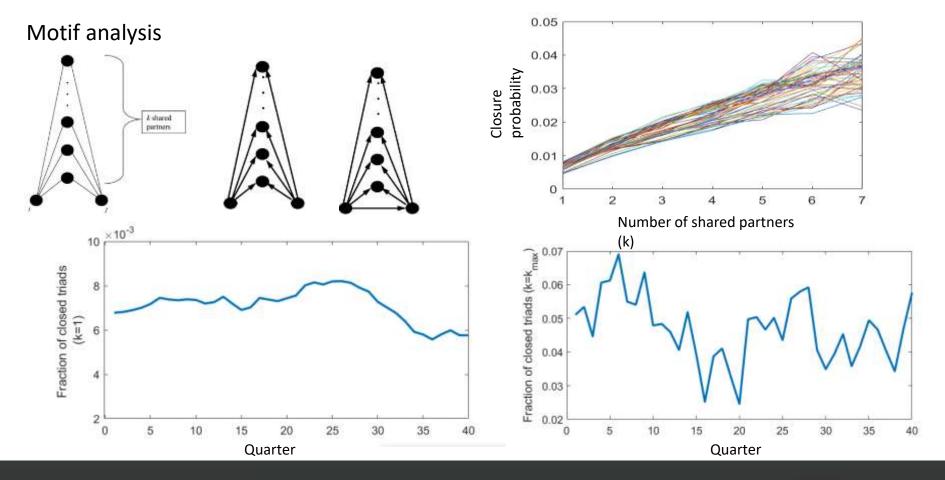
Motif analysis



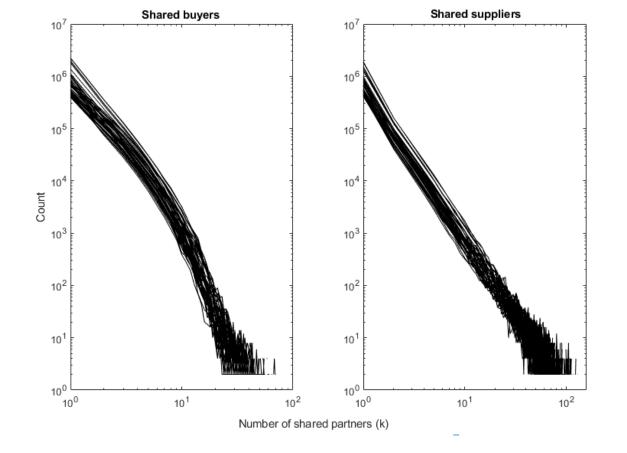






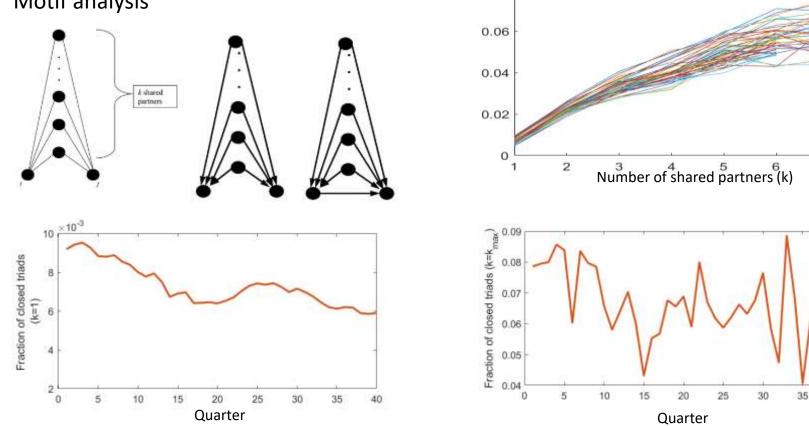








Motif analysis

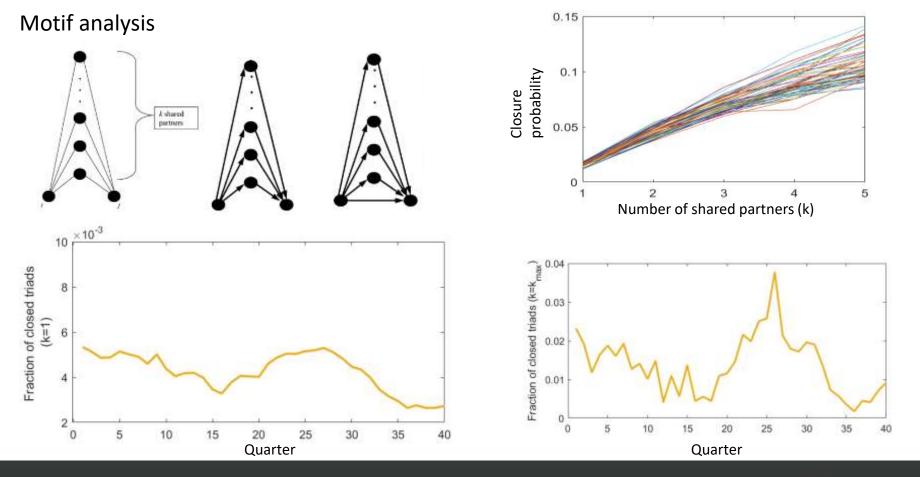


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FactSet Revere

Strengths

WAITON

- Most extensive available dataset on buyer-supplier relations
- Allows many types of *longitudinal network* analysis
- Allows exploring multi-tier networks

Potential disadvantages

- Unstructured data
- May require coding
- May require substantial computational power
- Not a perfect (complete network) dataset
- Bias towards large and significant partners
- Industry bias: some industries are more represented than others
- Weights are not adequately quantified



Questions?

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