



Identifying collusion risks by using public procurement data

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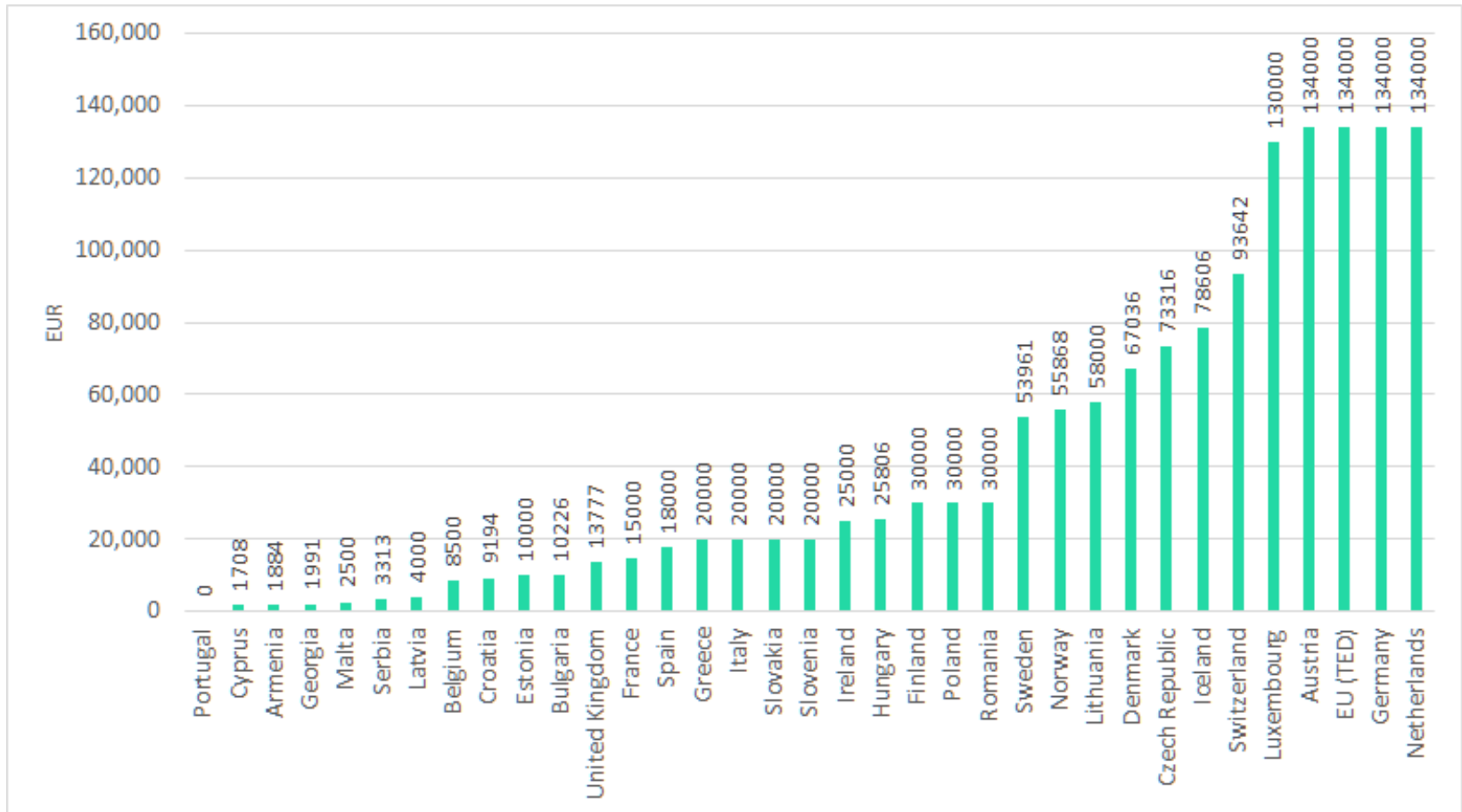
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Why is it important

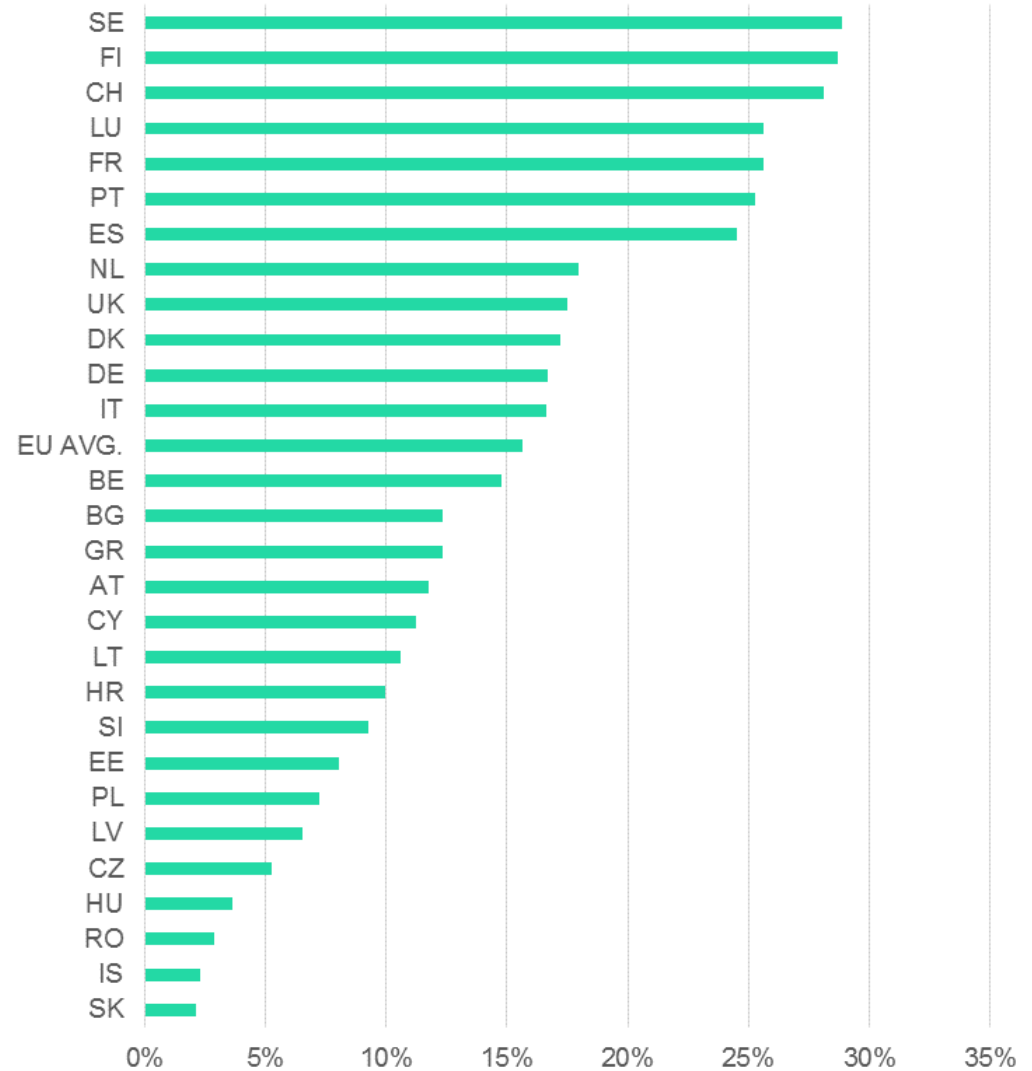
- Public procurement markets have inherently high risks
- Identifying cartels is hard

Publication thresholds below the EU regulation - supplies and services



Administrative error: share of missing information

Average % missing information of 13
mandatory fields, 2009-2015, TED data
(covers high-value/above EU-threshold
contracts only)

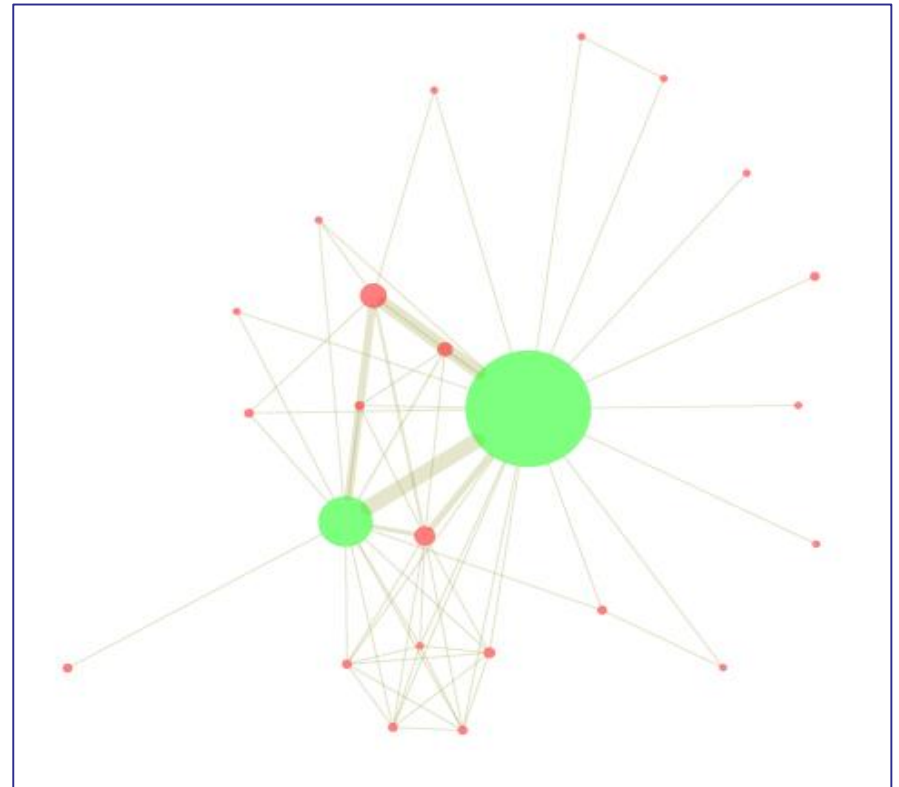


Collusion indicator examples

- Co-bidding network
- Relative price range
- Profit levels

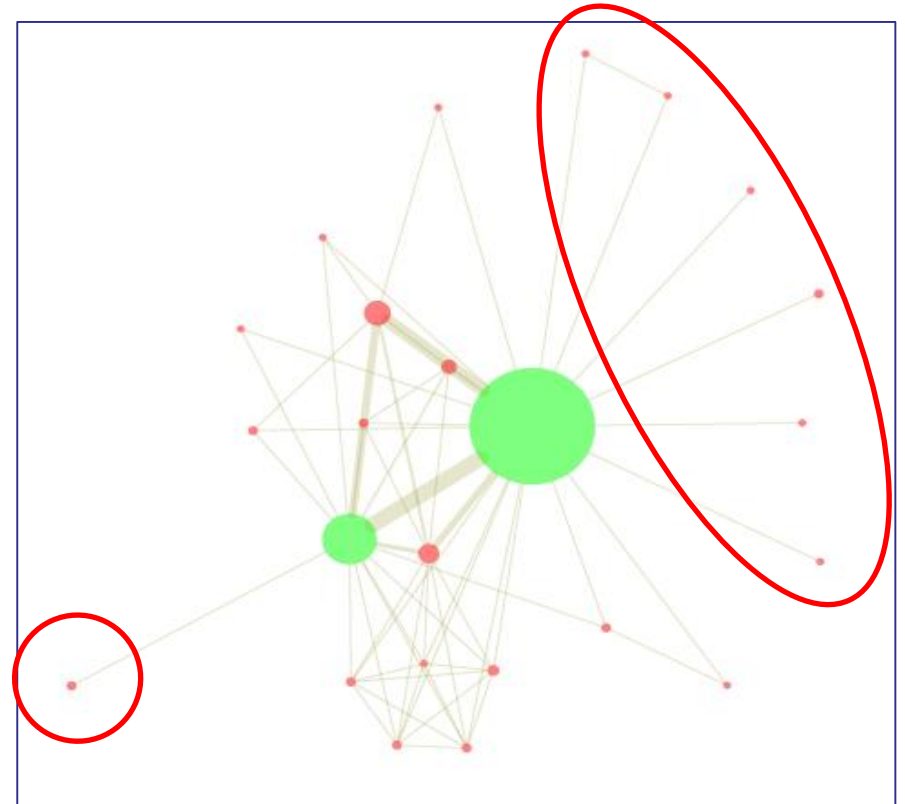
Indicator example

- Co-bidding network of a product market
- 2009-2014
- Green dots: companies in a cut-point position



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Indicator example

- Co-bidding network of a product market
- 2009-2014
- Green dots: companies in a cut-point position

- **High risk tenders have ~50% smaller relative price range than low risk tenders**
- **Average profit rate of companies active in high risk markets is considerably higher: 11.3 % vs 3.6 %**

Thank you!

Questions?