

1. Introduction

This poster explores the electronic proceedings of the ISIPTA conferences from 1999 to 2017.

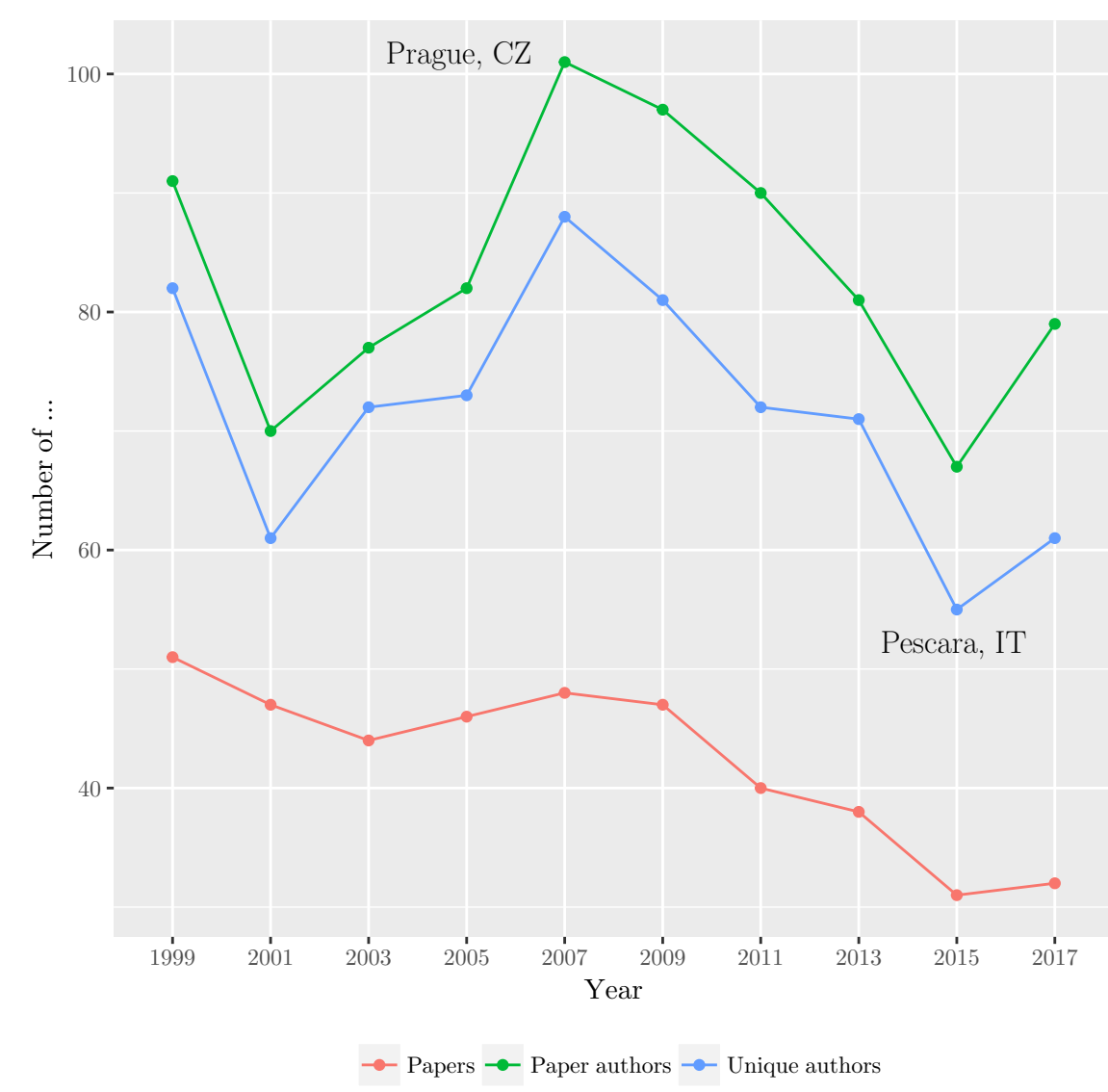
The data were automatically collected from the respective web pages and the bibliography summaries, and afterwards manually checked and cleaned.

This poster is in succession to the posters presented at ISIPTA '11 and ISIPTA '15. The collaboration characteristics are updated and also the links to paper contributors of the current ECSQARU and the very first ISIPTA are highlighted.

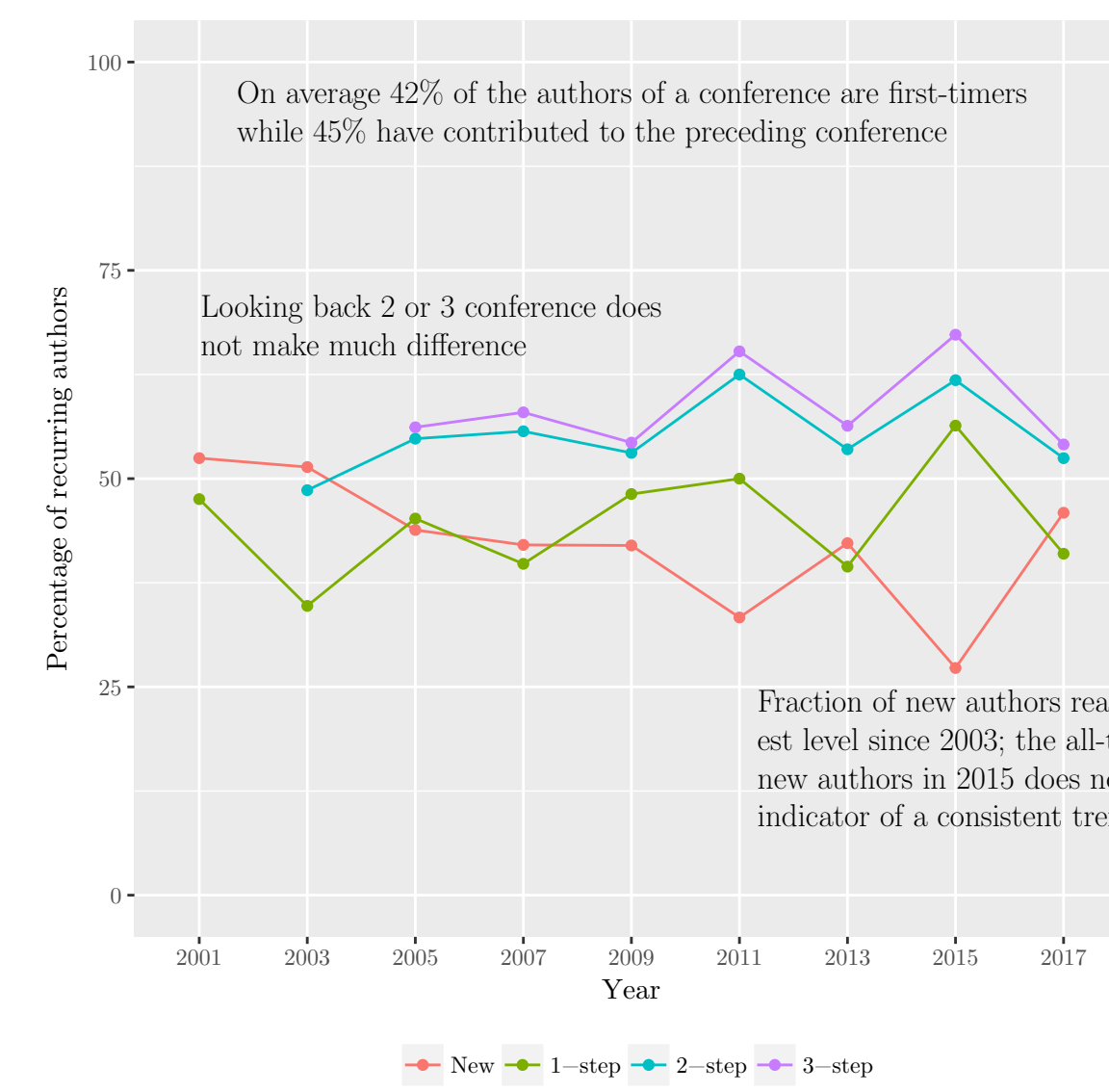
Feel free to mark & comment any interesting aspects in the data!

The development version of the package and the code for the graphics is available on GitHub ([paul-fink/ISIPTA](https://github.com/paul-fink/ISIPTA))
Contact: Paul Fink (251); PaulFink@stat.uni-muenchen.de

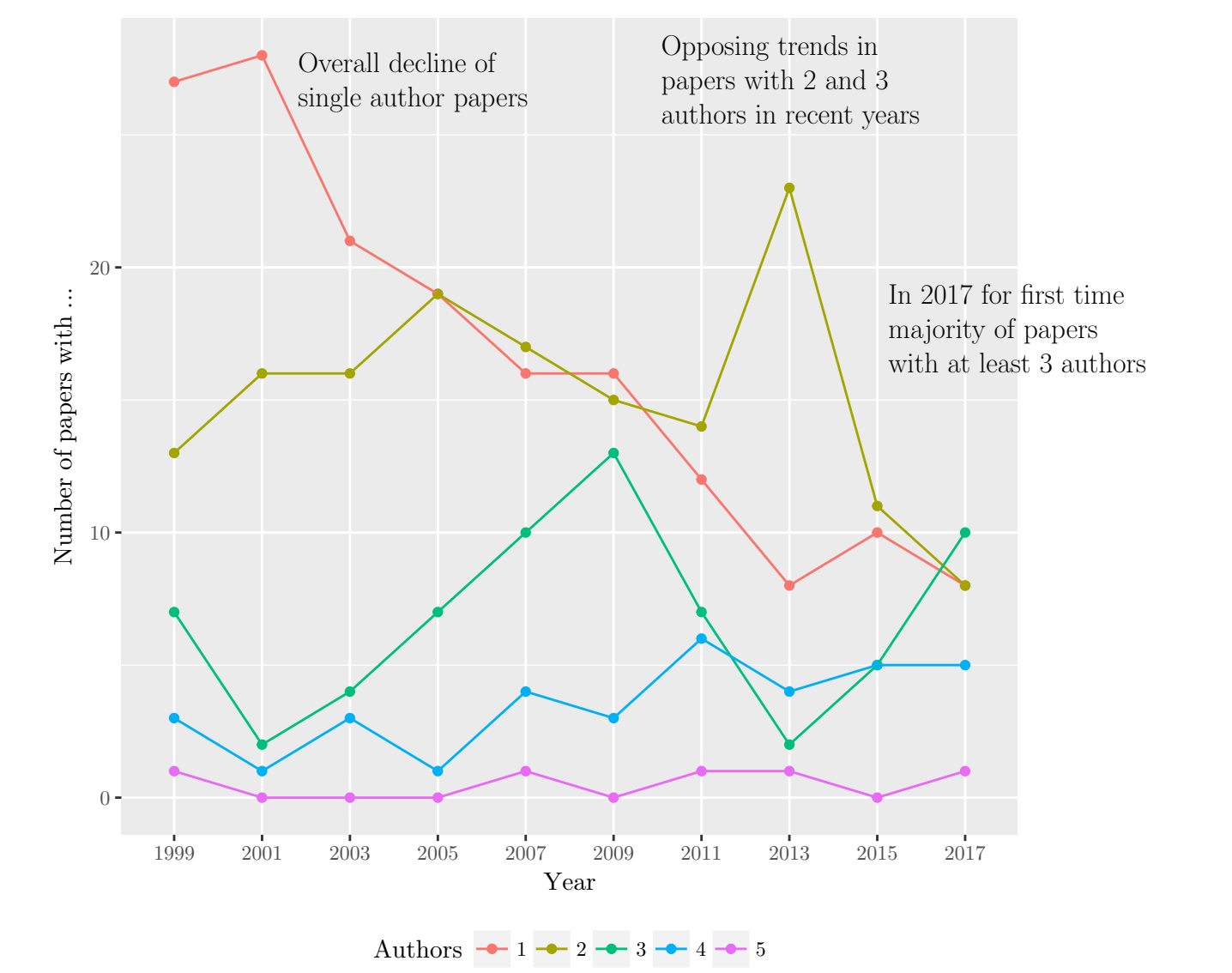
2. Paper and Author Summary



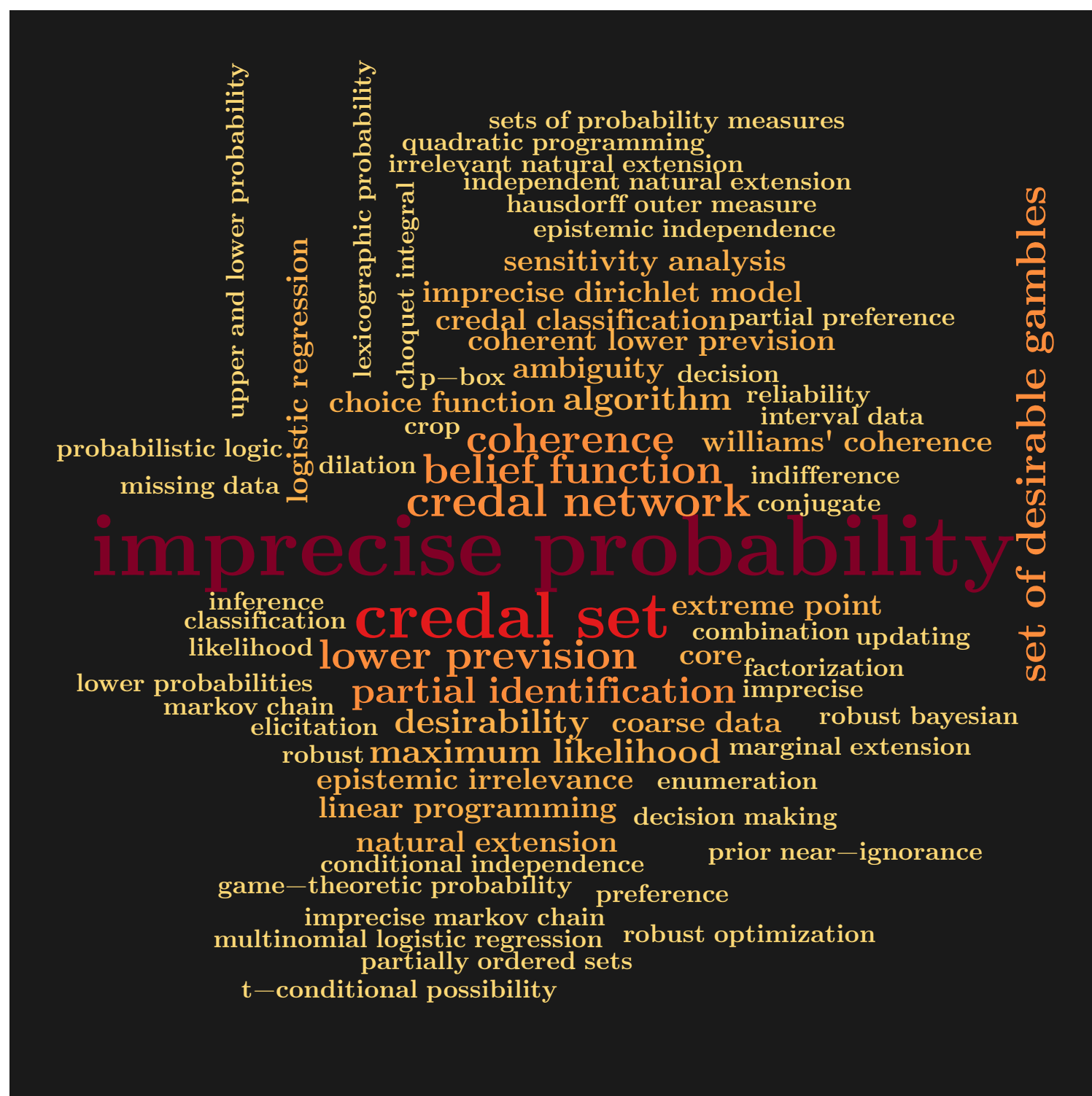
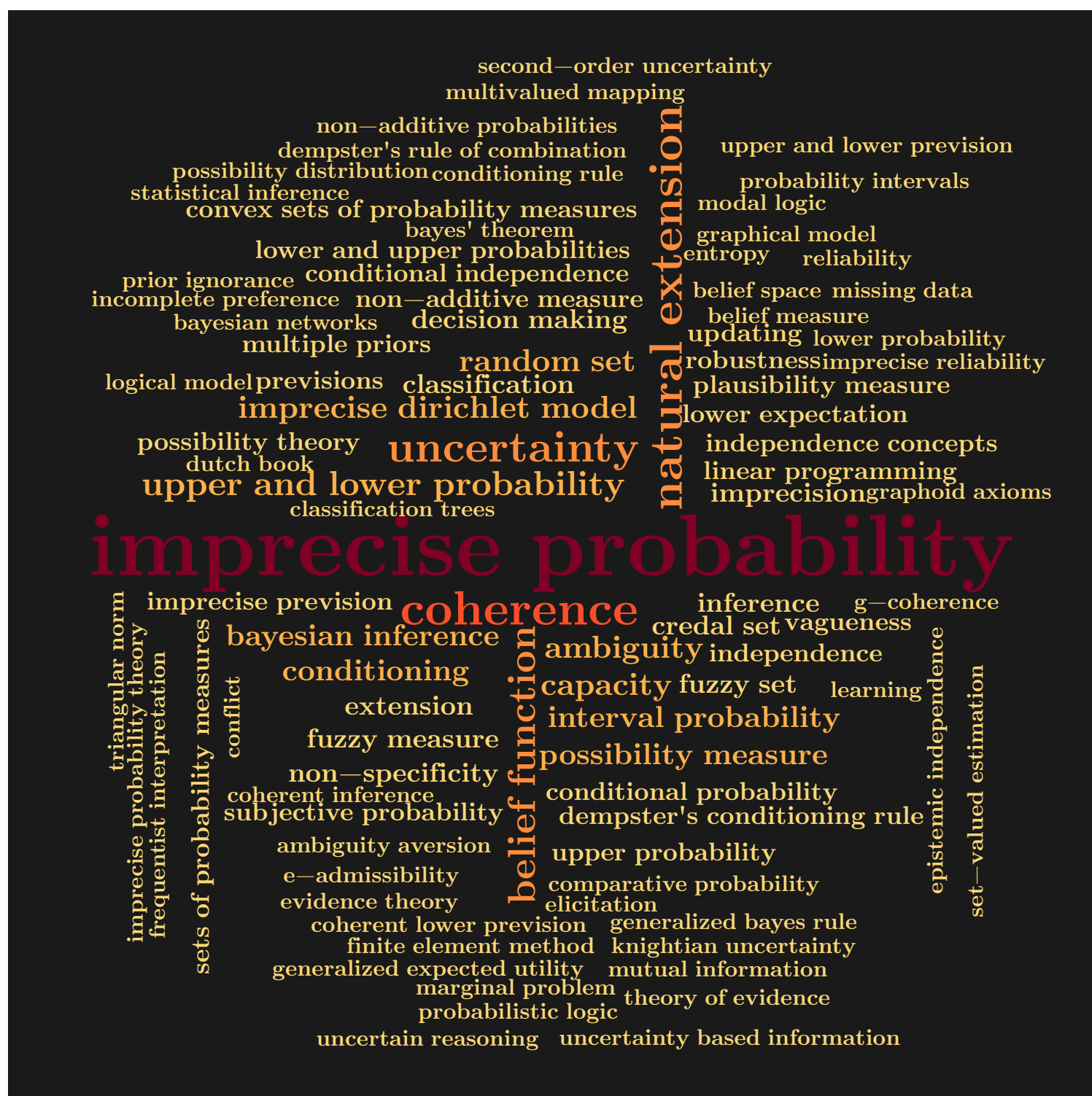
3. Recurring and New Authors



4. Authors per Paper



5. Summary of Keywords



Left: ISIPTA '99 – ISIPTA '03

463 unique keywords; 3.26 unique/paper

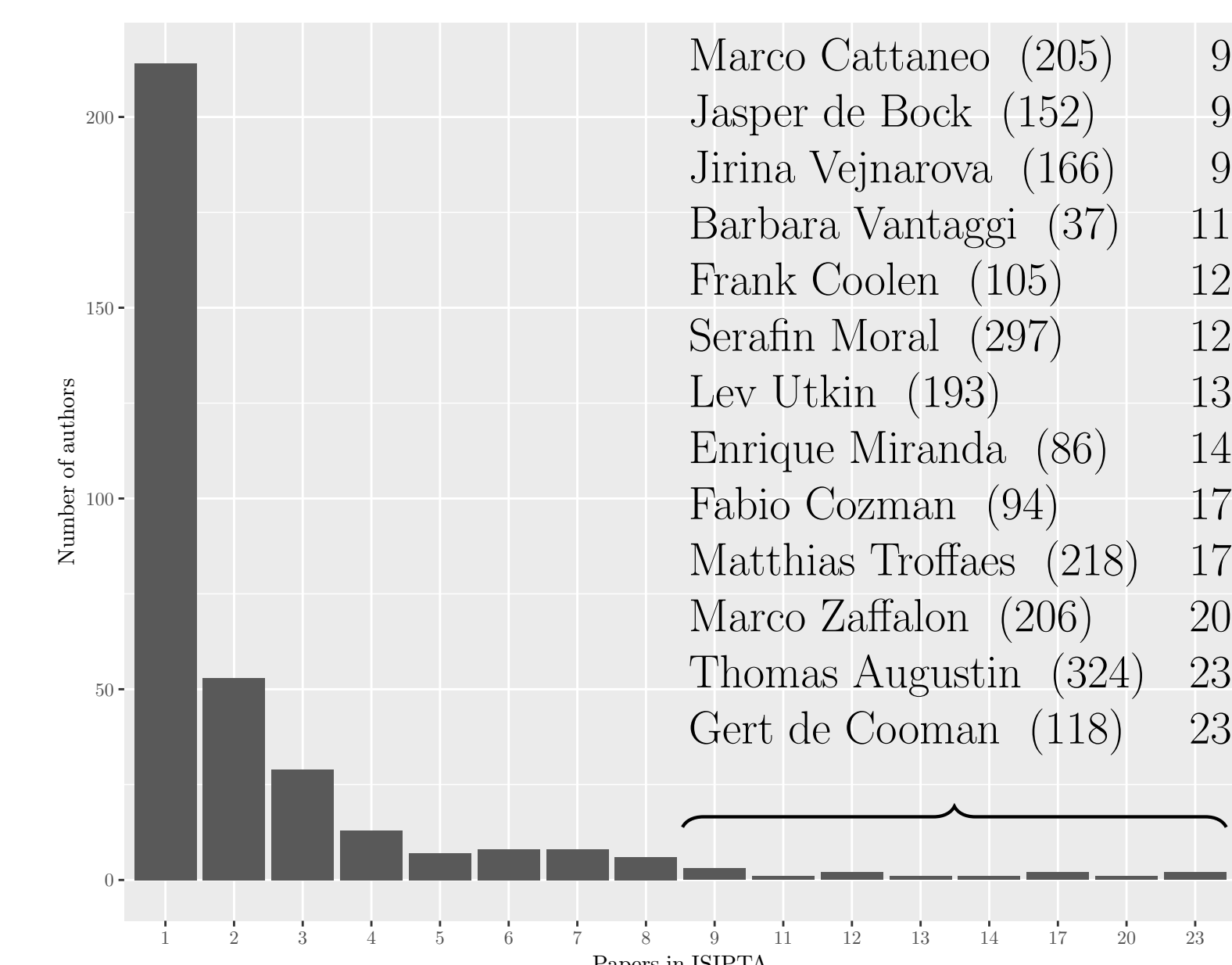
1. imprecise probability 29
2. coherence 13
3. natural extension 12
4. uncertainty 11
5. belief function 9

Right: ISIPTA '13 – ISIPTA '17

396 unique keywords; 3.92 unique/paper

1. imprecise probability 17
2. credal set 12
3. credal network 7
4. set of desirable gambles 6
5. lower prevision 6

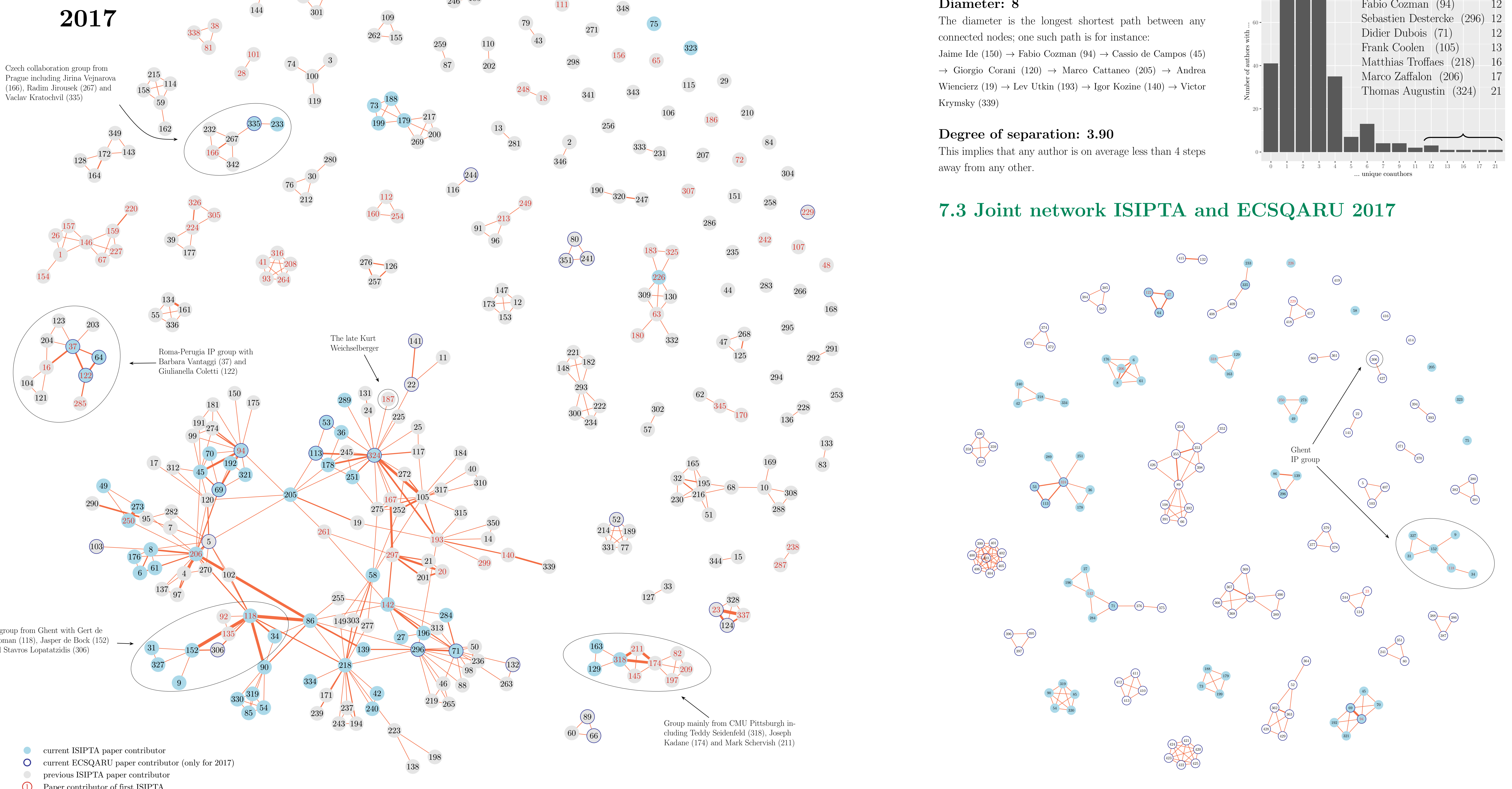
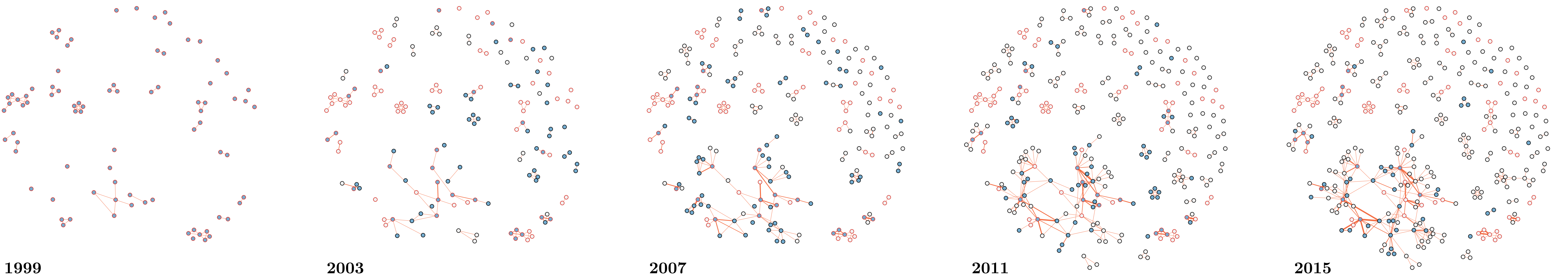
6. Papers per Author



60% of authors have one contribution and another 15% contributed 2 papers.
The distribution's tail is long and still growing.

Display of keywords occurring at least twice

7. Coauthor Network (Evolution)



7.1 Network Statistics

Based on the largest connected subgraph.

Diameter: 8

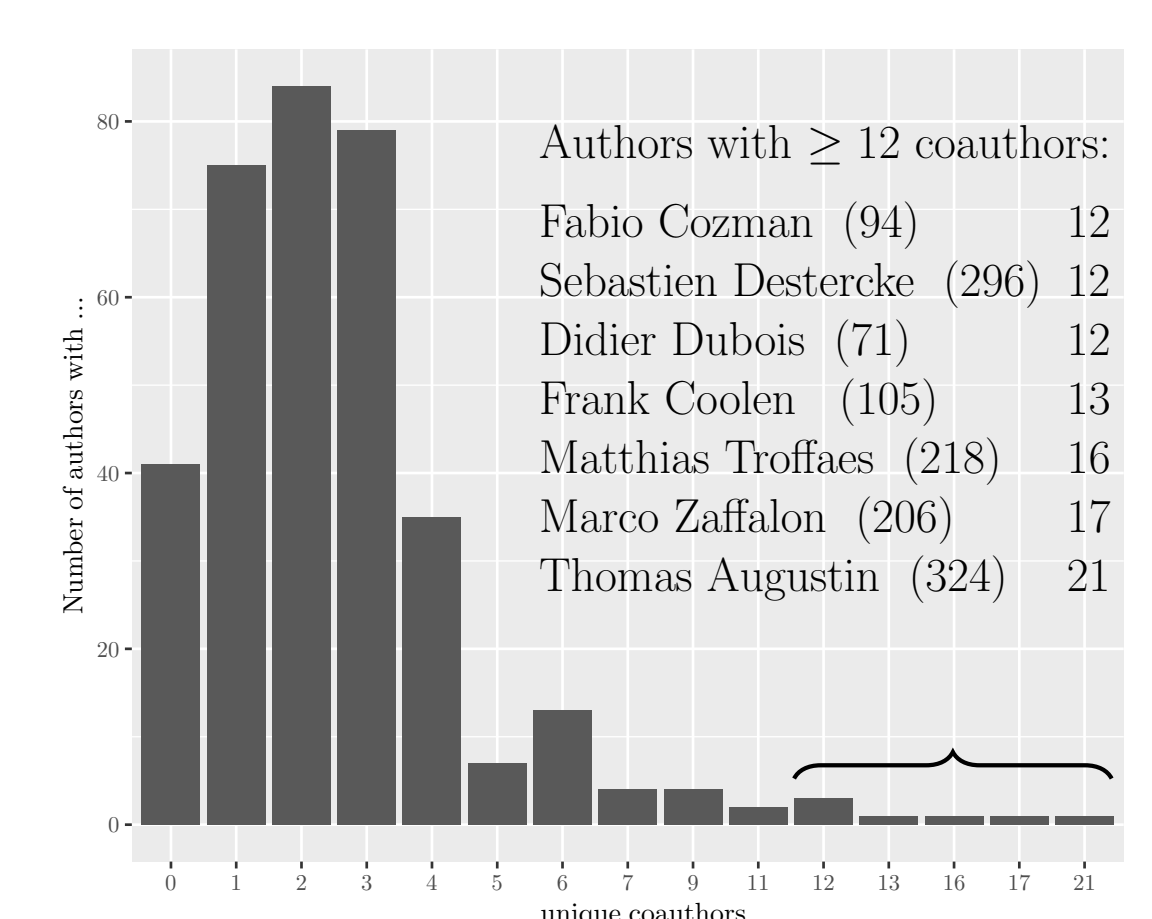
The diameter is the longest shortest path between any connected nodes; one such path is for instance:

Jaime Ide (150) → Fabio Cozman (94) → Cassio de Campos (45) → Giorgio Corani (120) → Marco Cattaneo (205) → Andrea Wiencierz (19) → Lev Utkin (193) → Igor Kozine (140) → Victor Krynsky (339)

Degree of separation: 3.90

This implies that any author is on average less than 4 steps away from any other.

7.2 Number of Coauthors



7.3 Joint network ISIPTA and ECSQARU 2017

