

Statistical analysis of CAIDA skitter data

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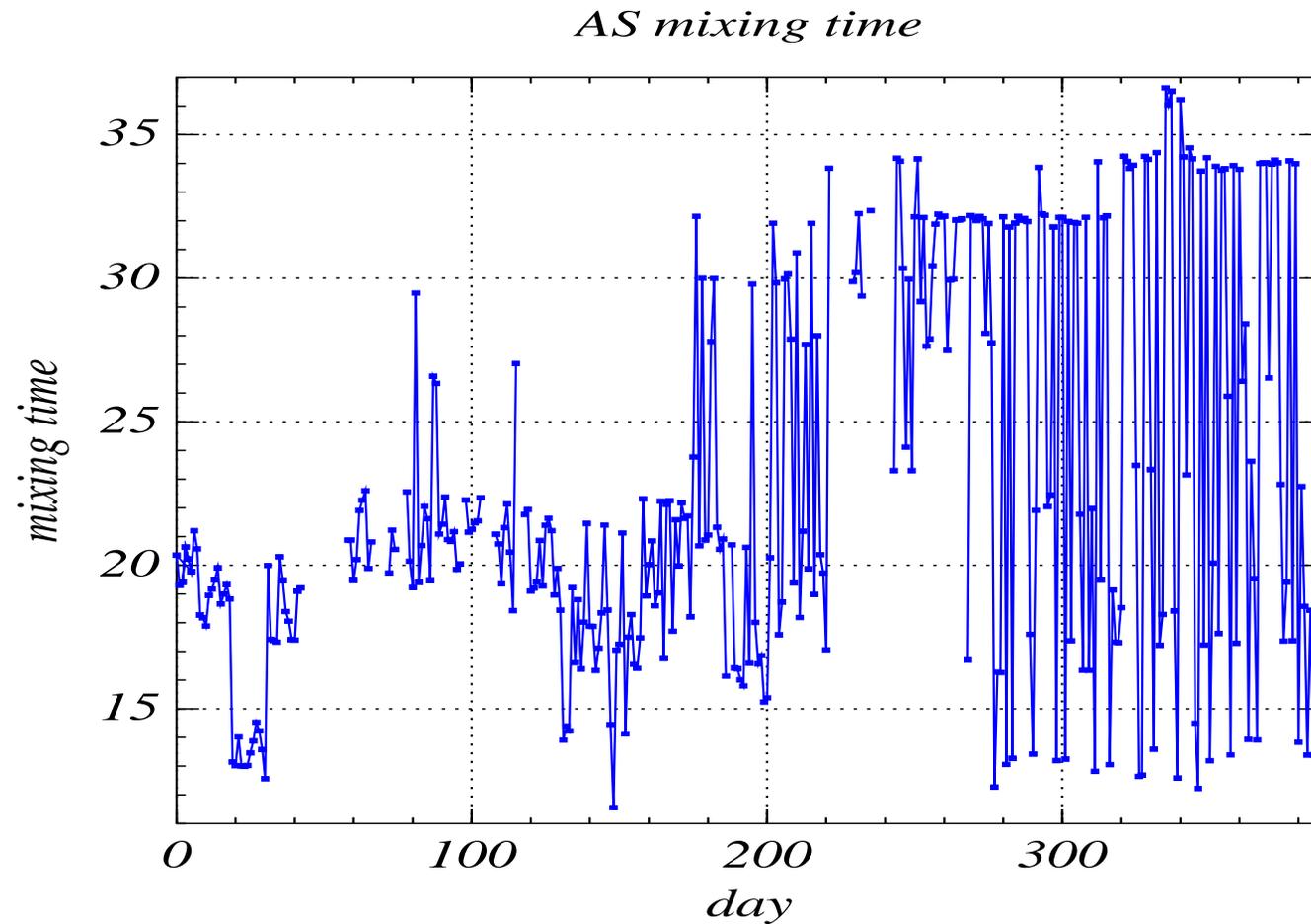


2004 December 7 10:00

TYPESET IN PDF \LaTeX ON A LINUX SYSTEM

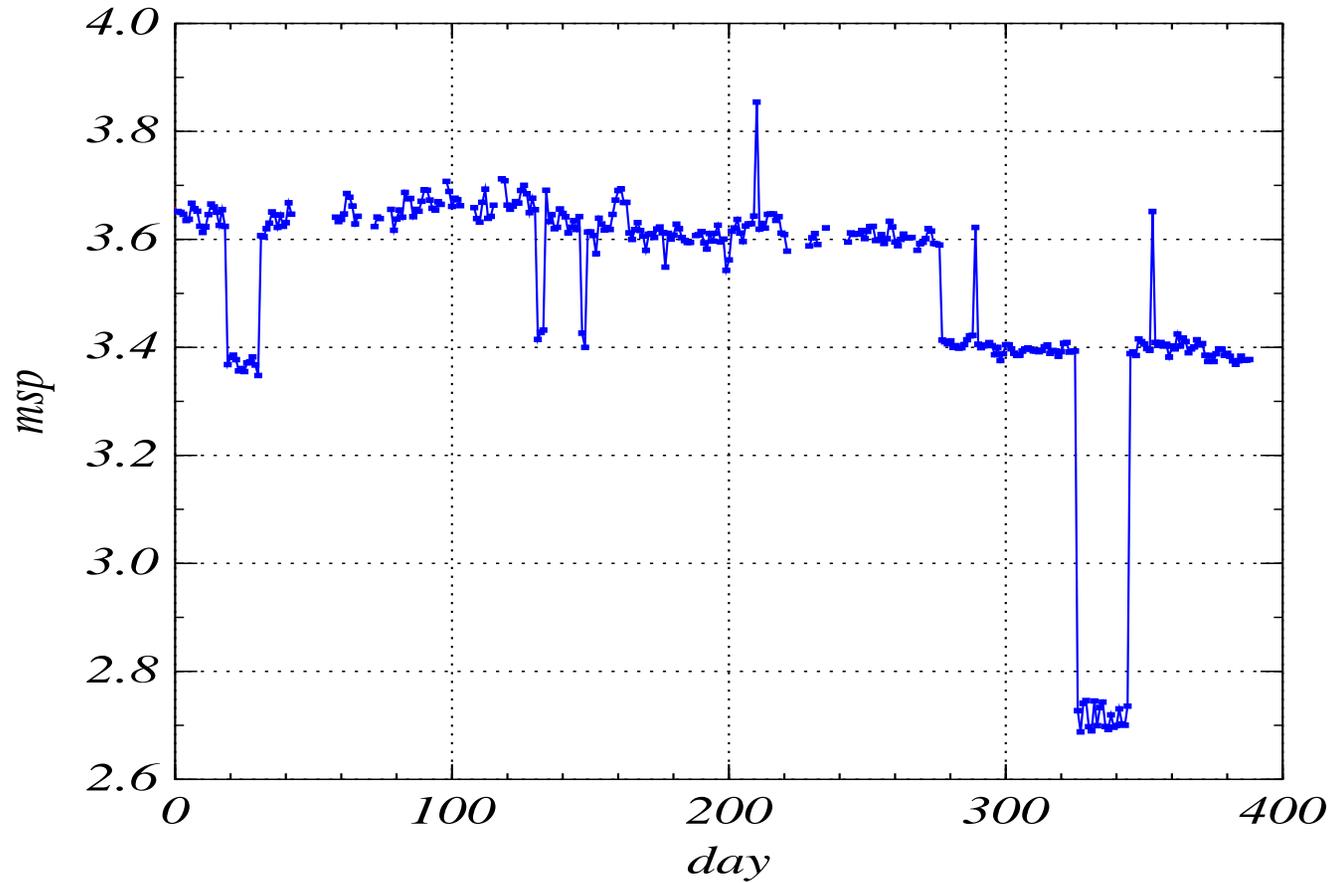
Mixing time of the internet

- ▶ Internet AS graph [CAIDA] has about 10,000 nodes and changes topology constantly



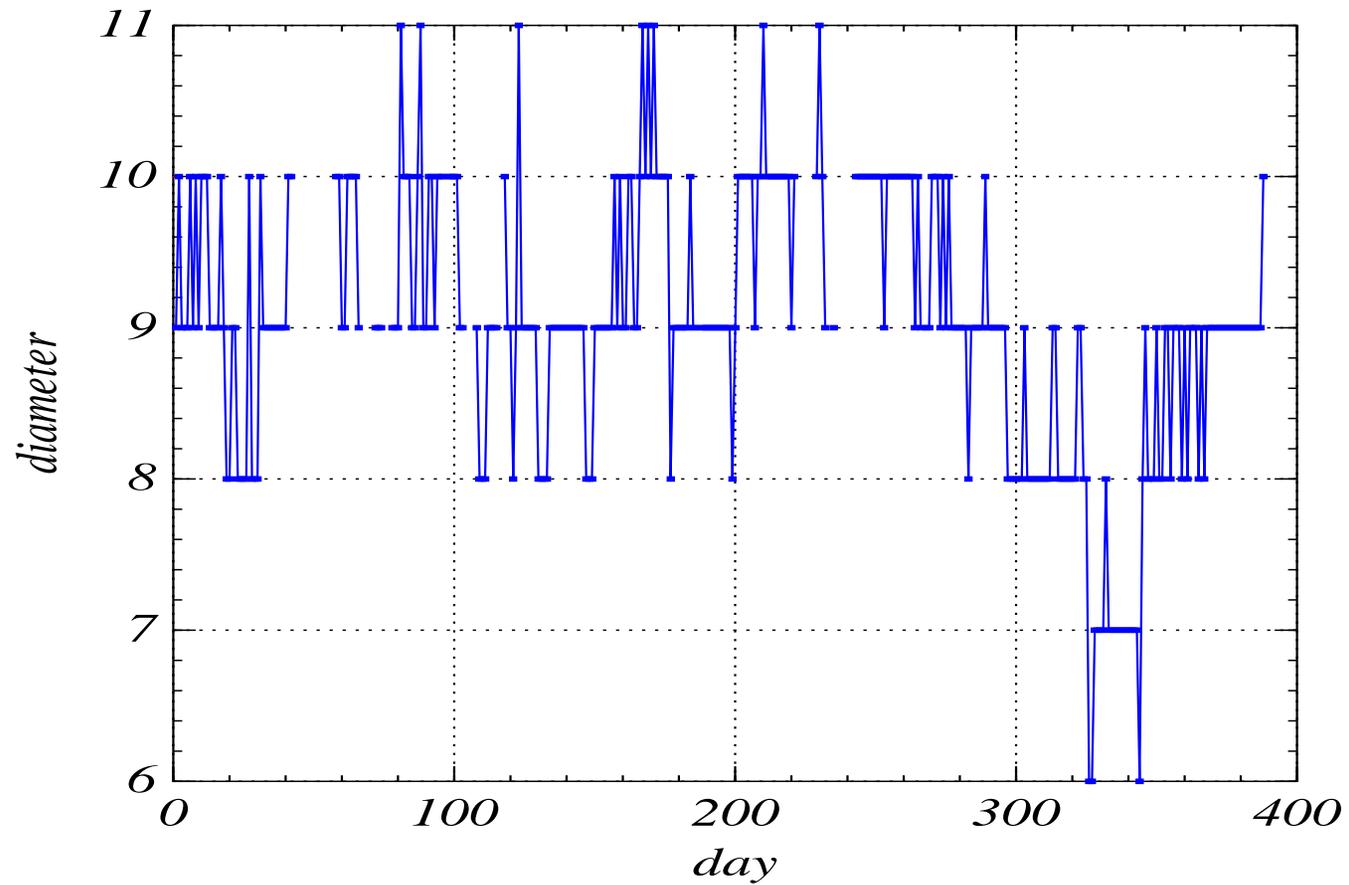
Mean shortest path of the internet

AS mean shortest path

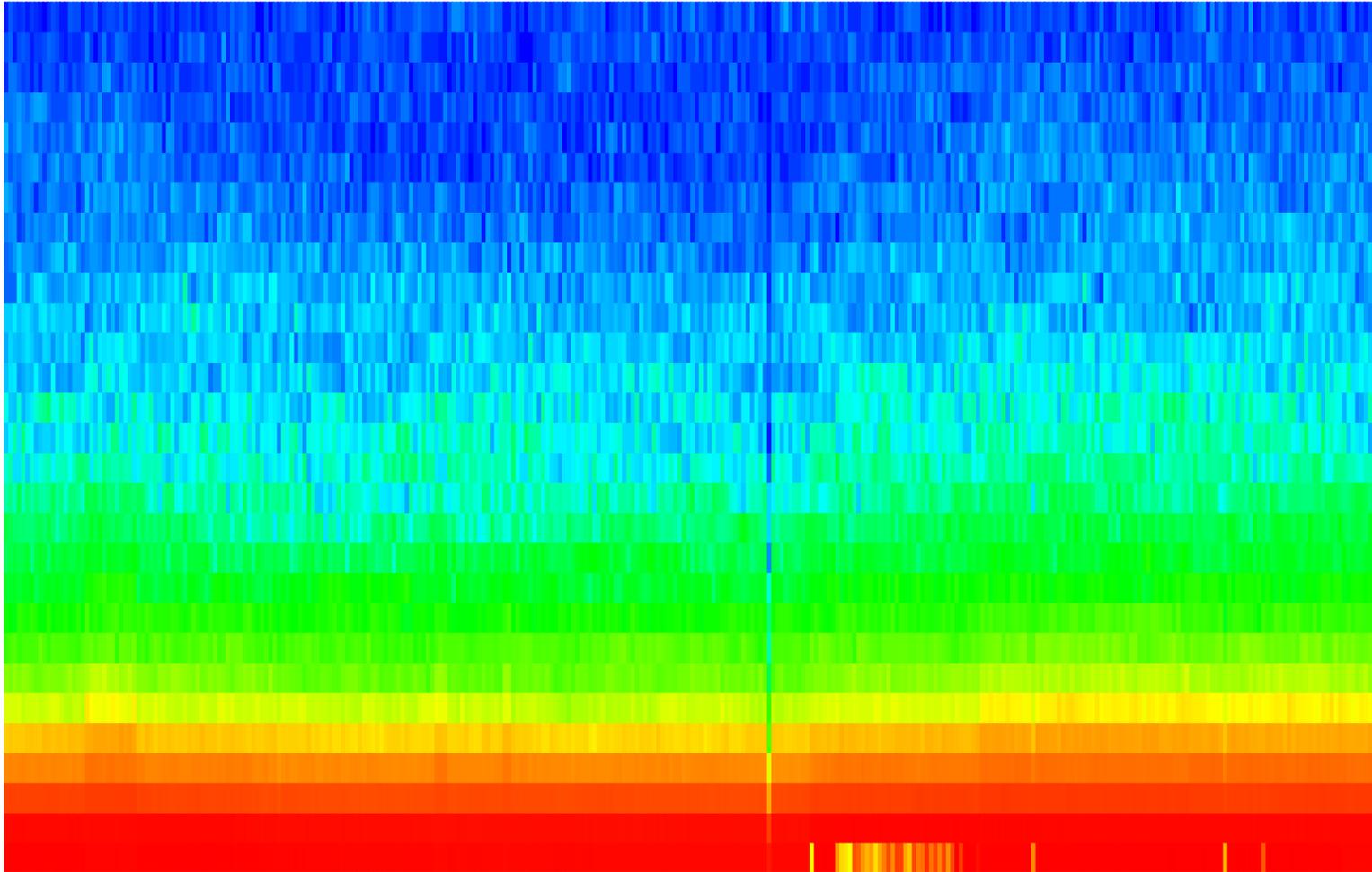


Diameter of the internet

AS diameter

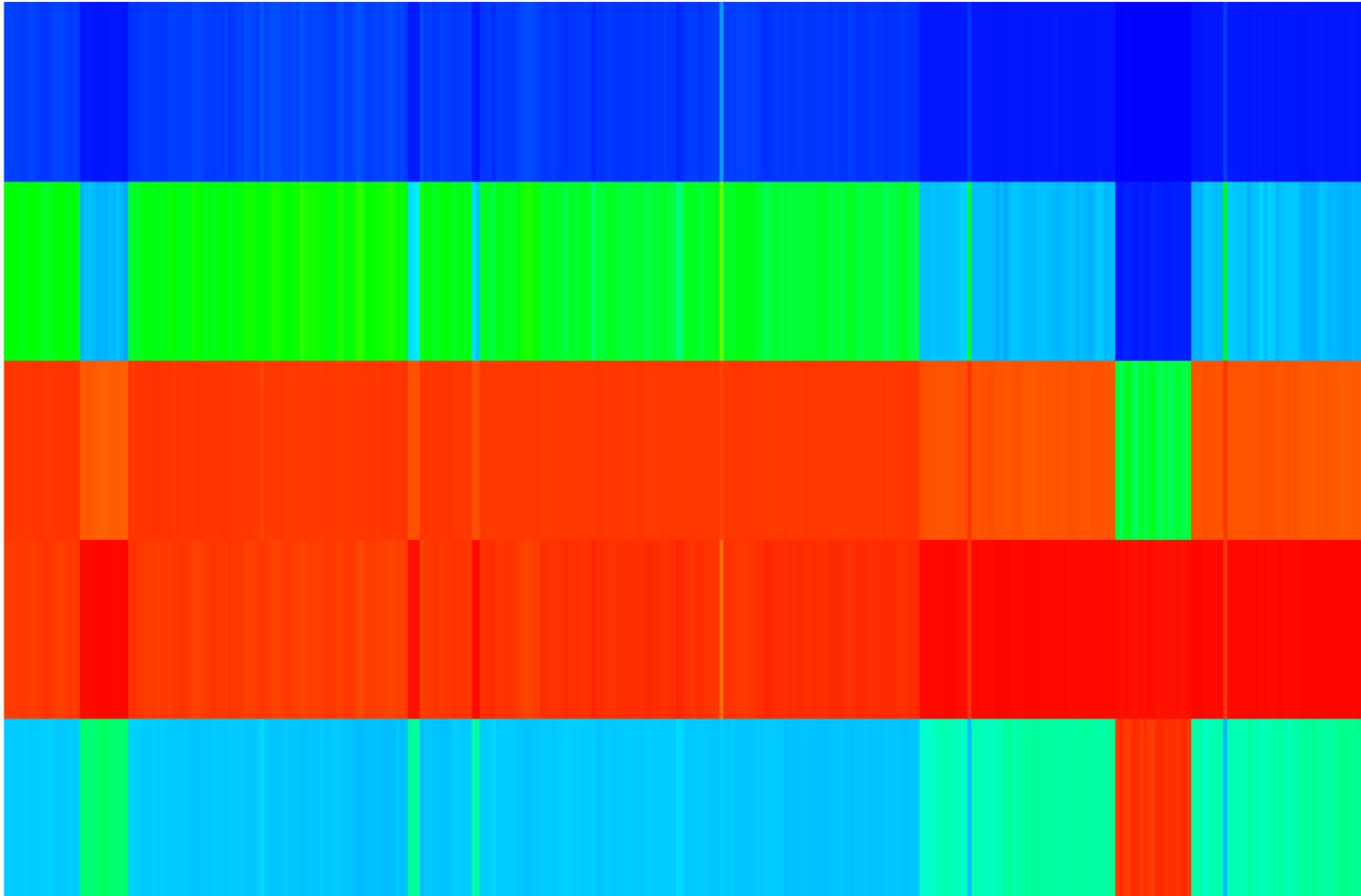


Degree distribution of the internet



Horizontal axis: day. Vertical axis: degree from 1 (bottom) to 30 (top). Colour is proportional to log of frequency of occurrence of degree (blue=smallest, red=largest).

Shortest path distribution of the internet



Horizontal axis: day. Vertical axis: shortest path from 2 (bottom) to 6 (top). Colour is proportional to frequency of shortest path length (blue=smallest, red=largest).

References

CAIDA data from sk-aslinks.caida.org/data/