



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

Issue Prediction using Time Series Analysis



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What we do

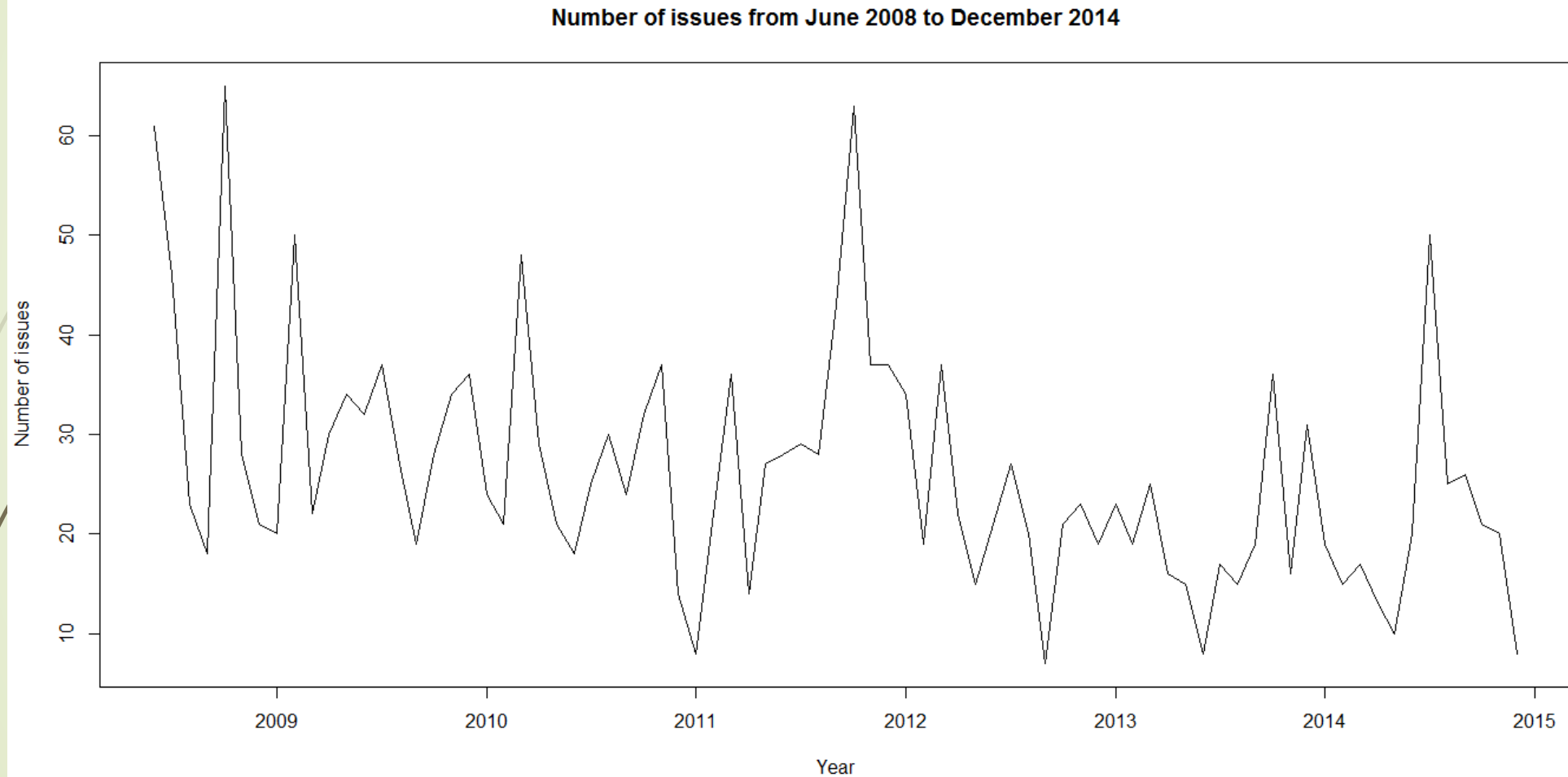
- Get data
- **Issue** table contains all issues from **June 2008** to **December 2016**
- Transform to monthly data
- Clean the data
- Separate into **training** and **testing** dataset.

_id	affects_versions	assignee_id	created_at	creator_id	...
...	2008-06-09 18:39:34
...	2008-06-09 18:42:38
...	2008-06-10 01:43:48
...

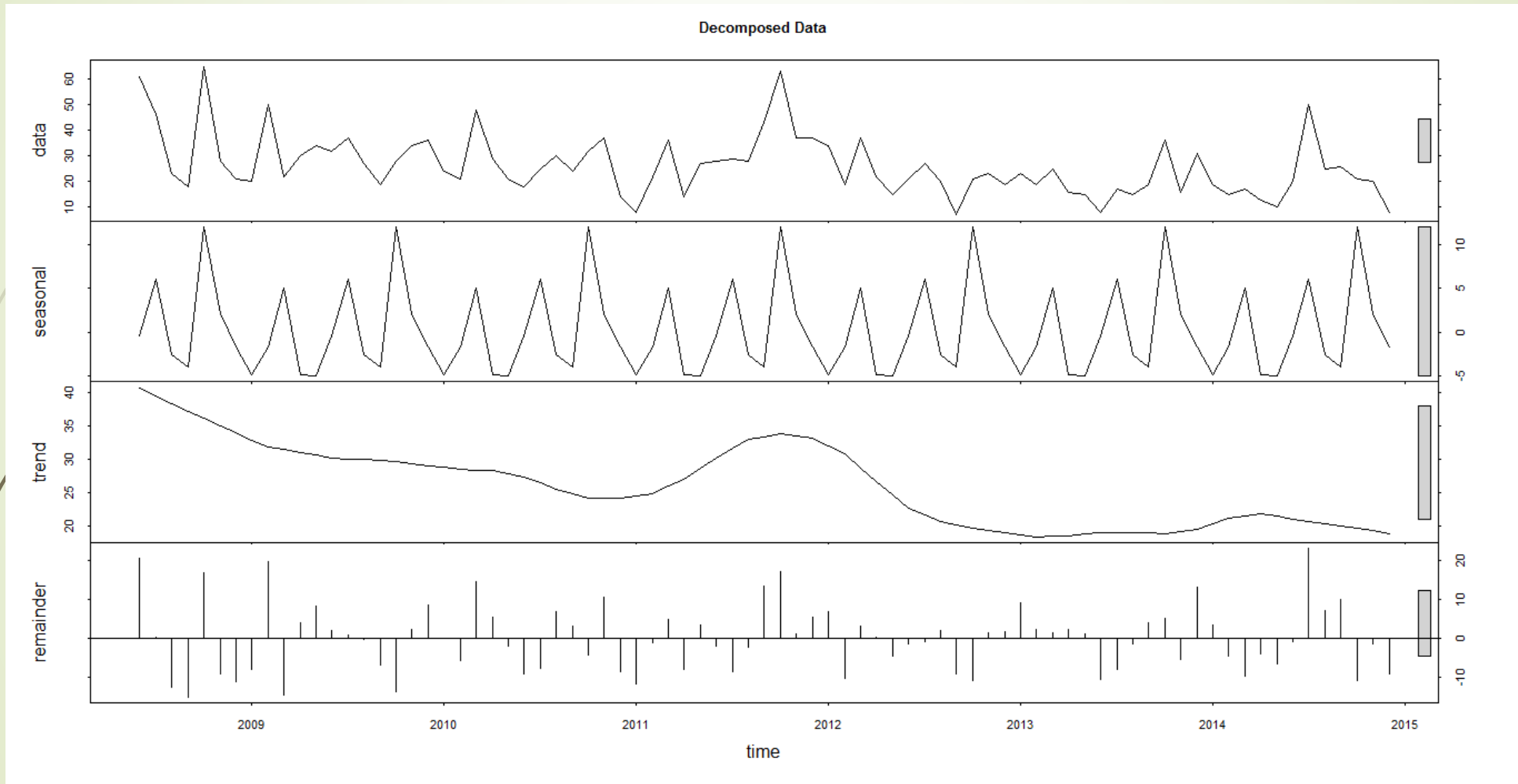
2,720 entries

20 variables

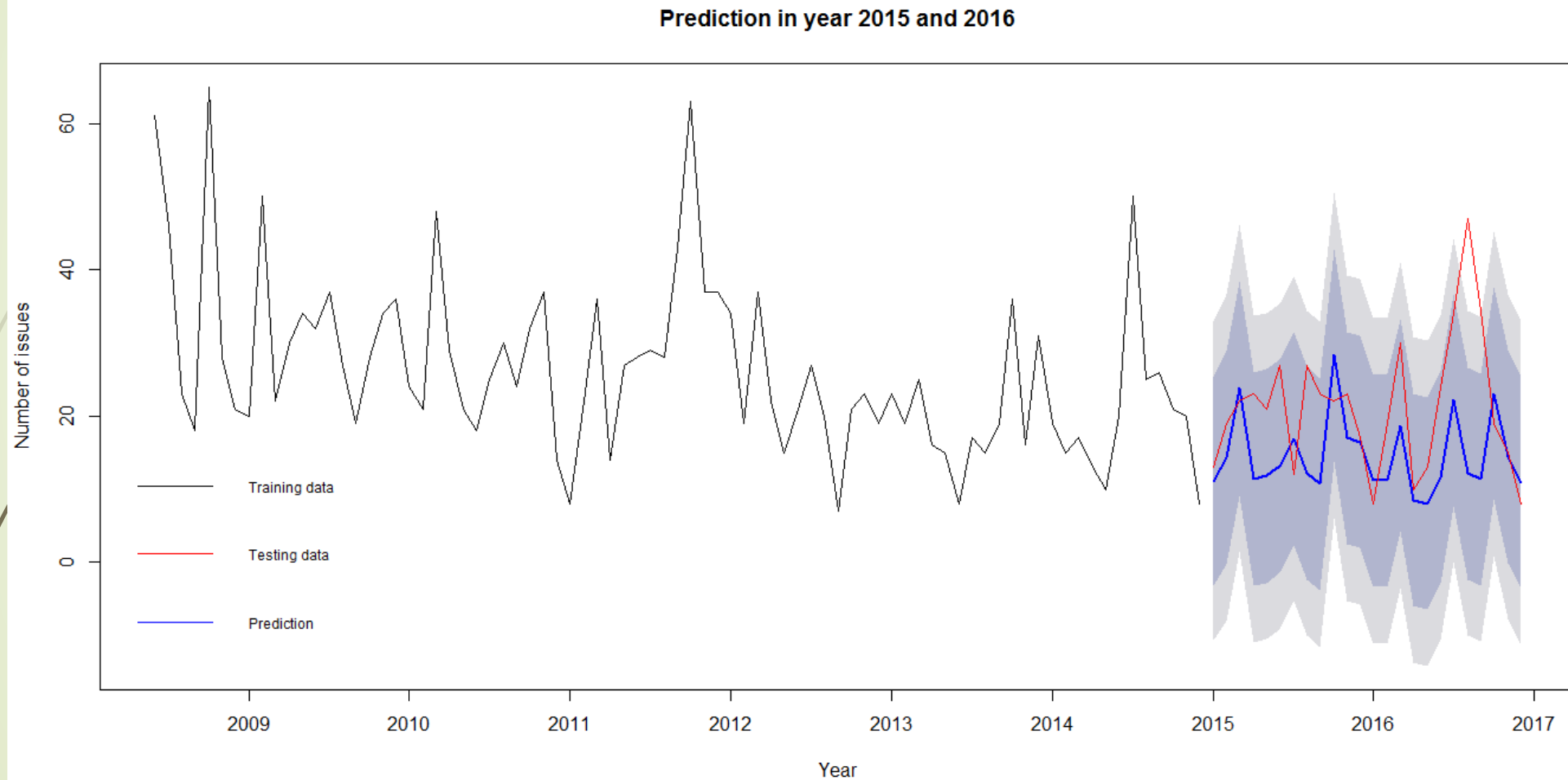
Training Dataset



Decomposed Data



Prediction in year 2015 and 2016



Prediction in year 2017

