

# Learning design guided learning analytics in MOOCs

Citation for published version (APA):

Brouns, F., & Firssova, O. (2016). *Learning design guided learning analytics in MOOCs*. Poster session presented at 9th EDEN Research Workshop, Oldenburg, Germany.

## Document status and date:

Published: 01/10/2016

## Document Version:

Peer reviewed version

## Document license:

CC BY-NC-SA

## Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

## General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

<https://www.ou.nl/taverne-agreement>

## Take down policy

If you believe that this document breaches copyright please contact us at:

[pure-support@ou.nl](mailto:pure-support@ou.nl)

providing details and we will investigate your claim.

Downloaded from <https://research.ou.nl/> on date: 21 Jun. 2024

Open Universiteit  
[www.ou.nl](http://www.ou.nl)



# Learning design guided learning analytics in MOOCs

Francis Brouns, Olga Firssova

## Learning design approaches for MOOCs

- Cater for heterogeneous needs of learners
- Assist in reaching personal learning goals

### EMMA Task-centred approach

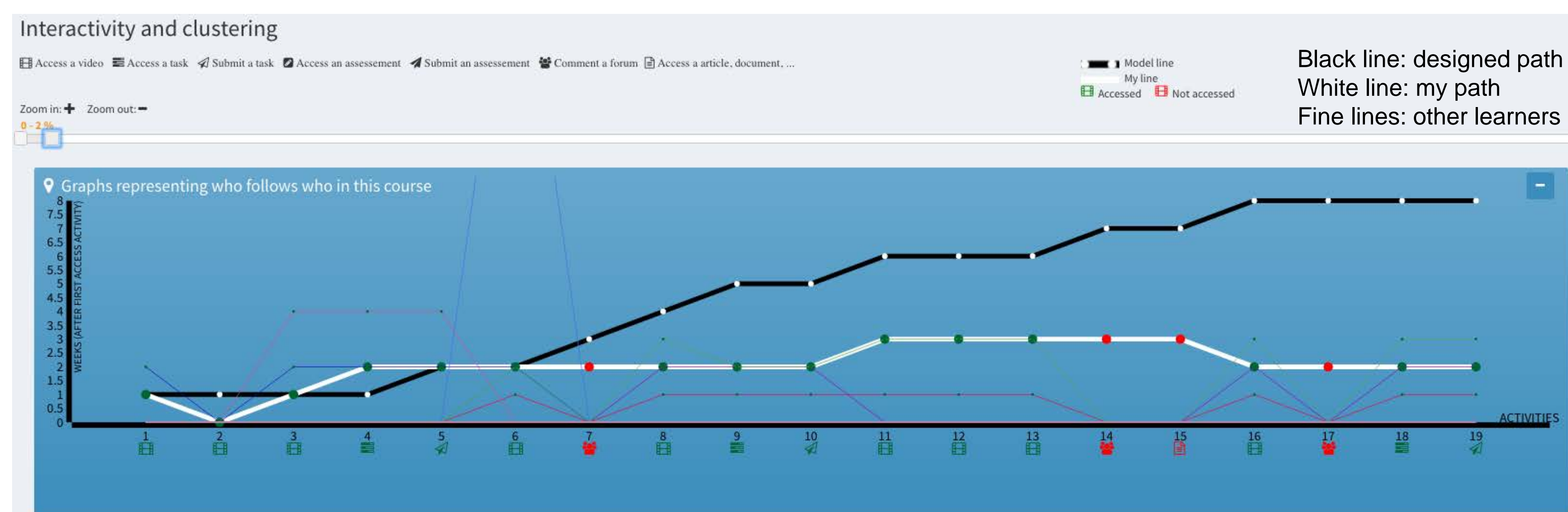
- Learning tasks to engage and activate learners
- Anchored in state-of-the-art and professional domain
- Basic and advanced levels
- Various feedback mechanisms involving participants

### ECO Social and inclusive approach

- Constructivist and connectivist principles
- Learning with and from participants in conversation
- Activities in context
- Flexible paths and gamification

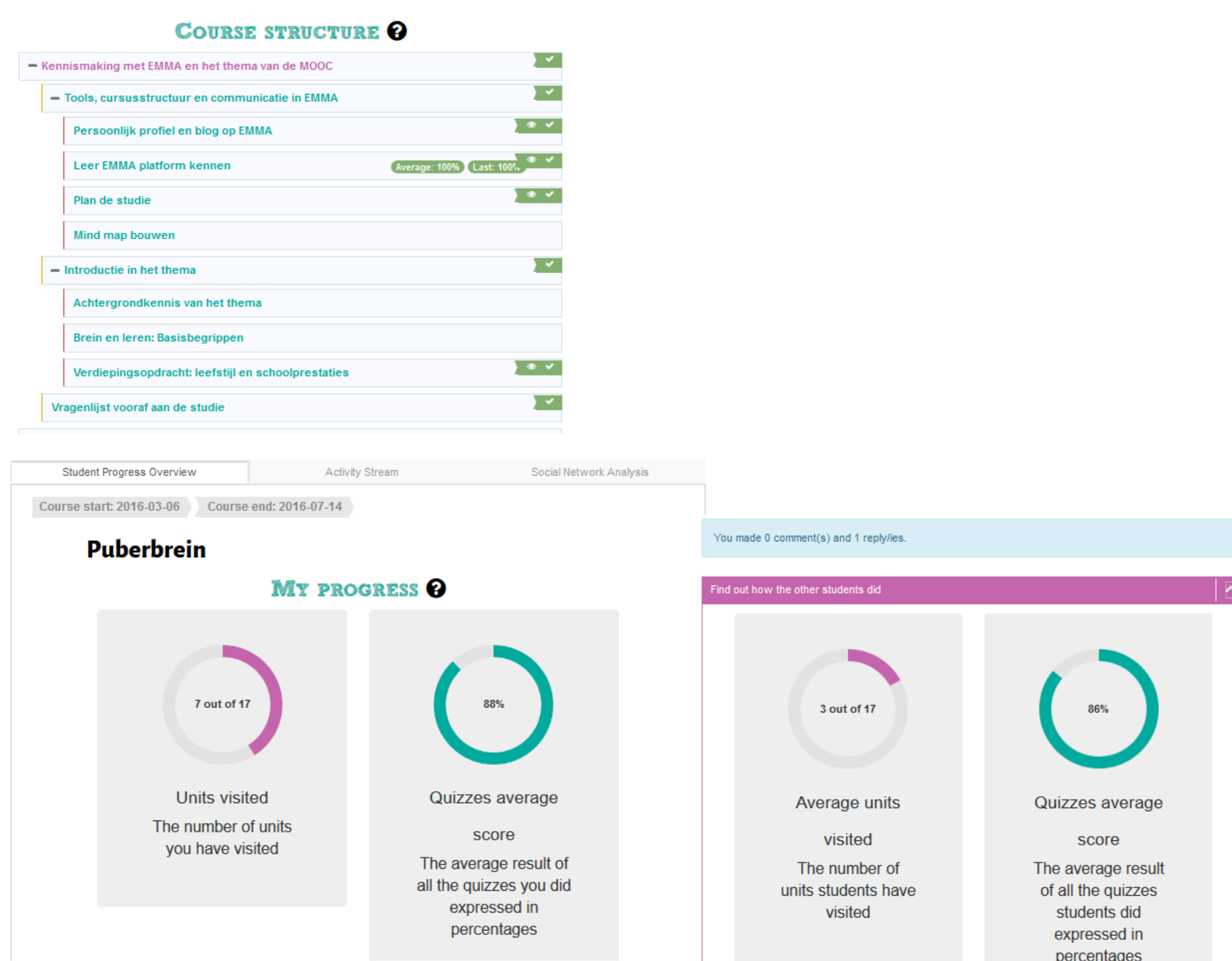
## Learning analytics

- Assist learners in reaching personal learning goals
- Assist teachers in supporting the learning process
- Guided by learning design



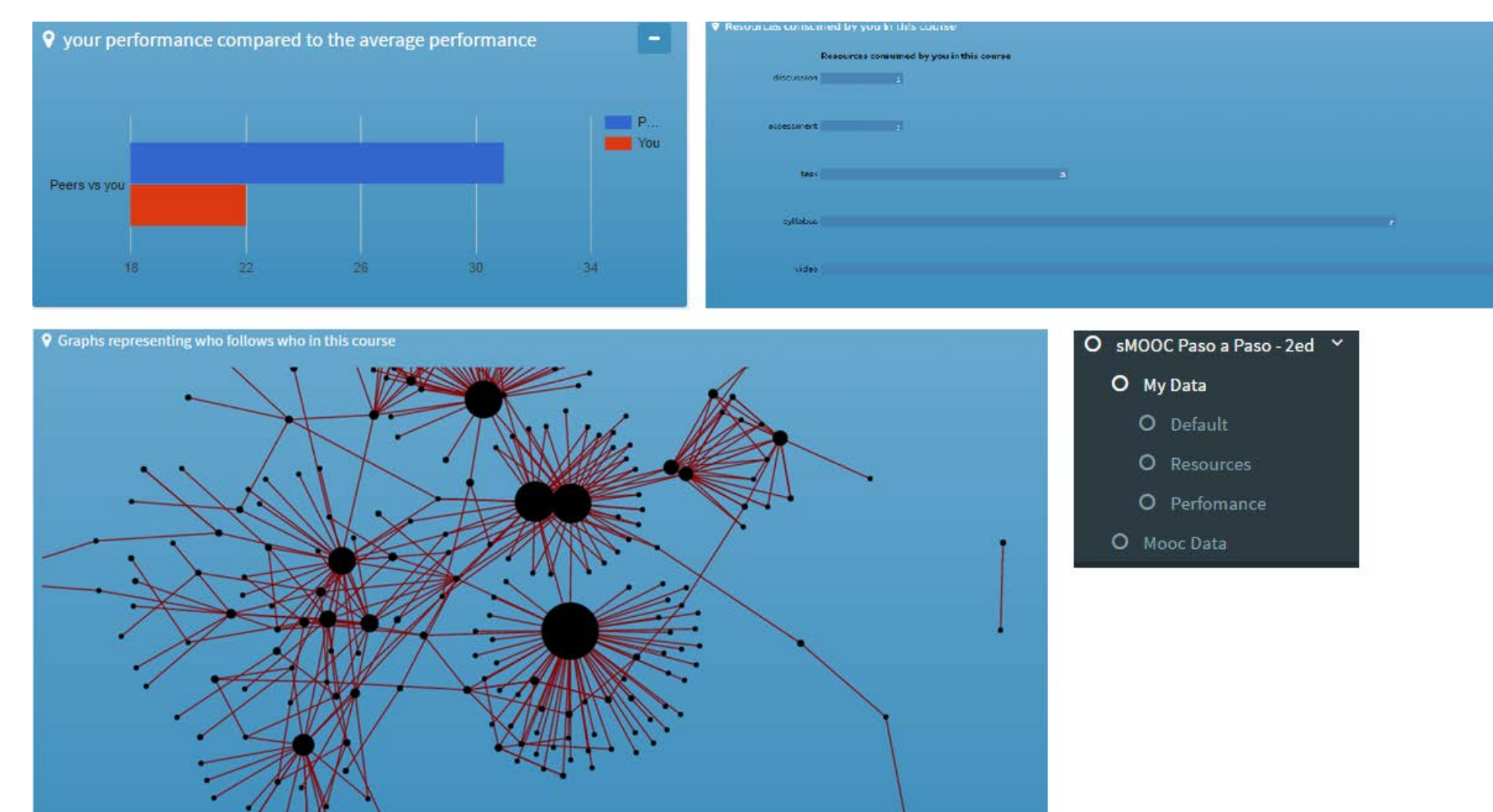
## Learner progress

- Compare with others

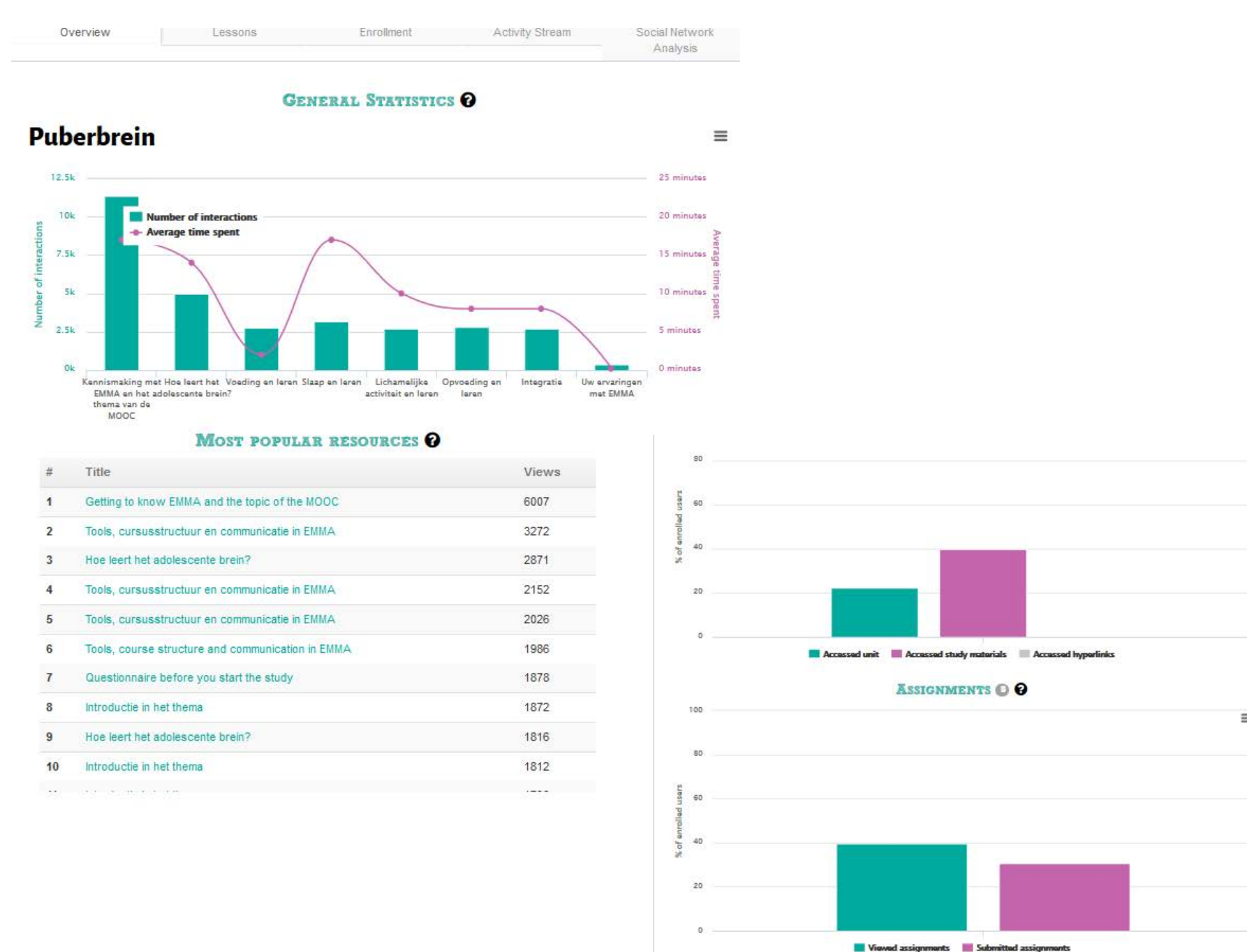


## Learner progress

- Compare with others



## Teacher monitor



## Teacher monitor

