

# Student dropouts 2017/2018

Analysis of first year students 2017/2018 at Medialogy. May 2018.

## 1. Dropouts/Q999

Number of student dropouts

	Dropouts	Q999
AAL	19	8
CPH	13	7
Total	32	15

## 2. Study verification test

Average scores from student dropouts in different topics:

Table with avg. scores in SSP for dropouts:

	Q999	AAL/CPH dropouts	AAL dropouts	CPH dropouts
Understanding.of.Medialogy	0.64	0.69	0.70	0.67
Study.and.work	0.33	0.34	0.27	0.44
Growth.mindset	0.65	0.65	0.68	0.60
Grit	0.54	0.63	0.62	0.64
Study.habits	0.46	0.58	0.57	0.59
High.school.habits	0.68	0.72	0.74	0.70
Social.support.for.studying	0.62	0.67	0.66	0.69

Dropout students scored low in study and work hours (time commitment), especially in AAL. Avg. scores in SSP for Q999 looks similar to dropout students.

## Dropouts' SSP scores superimposed on boxplots of all students

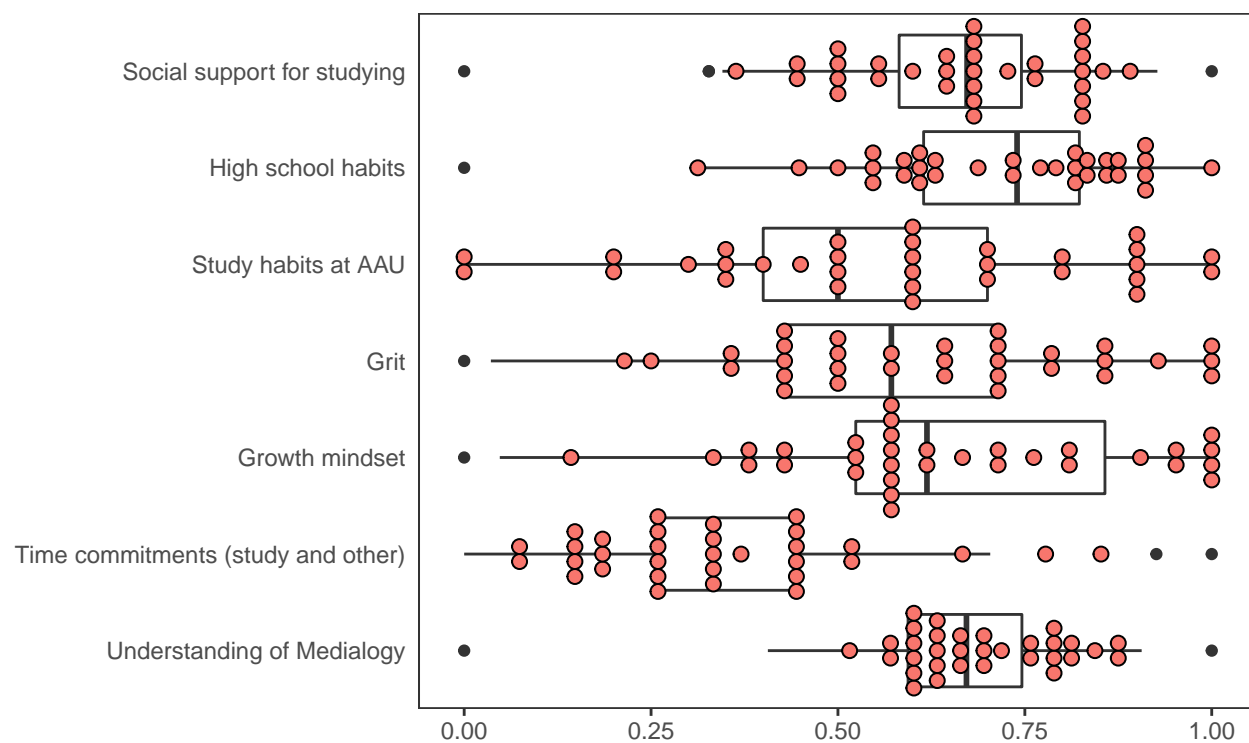


Figure 1: Boxplots of student self-ratings in 7 topics.

### 3. Self-assessment quizzes (SA) in GPRO

127 students from AAL were enrolled in GPRO on Moodle. 18 dropout students took SA in GPRO.

Number of students who took an SA at least once (multiple attempts were allowed):

	Students	Dropouts
Quiz: Self-assessment quiz for lecture 1 (Real)	114	15
Quiz: Self-assessment quiz for lecture 2 (Real)	102	15
Quiz: Self-assessment quiz for lecture 3 (Real)	99	14
Quiz: Self-assessment quiz for lecture 4 (Real)	93	13
Quiz: Self-assessment quiz for lecture 5 (Real)	85	10
Quiz: Self-assessment quiz for lecture 6 (Real)	80	10
Quiz: Self-assessment quiz for lecture 7 (Real)	70	8
Quiz: Mid-term exam (Real)	110	16
Quiz: Self-assessment quiz for lecture 8 (Real)	42	5
Quiz: Self-assessment quiz for lecture 9 (Real)	40	4
Quiz: Self-assessment quiz for lecture 10 (Real)	22	2
Quiz: Self-assessment quiz for lecture 11 (Real)	18	2
Quiz: Self-assessment for lecture 12 (Real)	0	0

Avg. SA scores for each SA when replacing NA's with zeros:

	Students	Dropouts
Quiz: Self-assessment quiz for lecture 1 (Real)	81.80898	75.962778
Quiz: Self-assessment quiz for lecture 2 (Real)	65.97197	59.946111
Quiz: Self-assessment quiz for lecture 3 (Real)	72.96591	64.815000
Quiz: Self-assessment quiz for lecture 4 (Real)	59.50724	57.450000
Quiz: Self-assessment quiz for lecture 5 (Real)	58.59567	48.611111
Quiz: Self-assessment quiz for lecture 6 (Real)	55.41976	44.536667
Quiz: Self-assessment quiz for lecture 7 (Real)	48.73165	37.654444
Quiz: Mid-term exam (Real)	58.74480	50.342778
Quiz: Self-assessment quiz for lecture 8 (Real)	29.56685	25.185000
Quiz: Self-assessment quiz for lecture 9 (Real)	24.37213	15.476111
Quiz: Self-assessment quiz for lecture 10 (Real)	14.96898	10.126667
Quiz: Self-assessment quiz for lecture 11 (Real)	12.51323	7.986111
Quiz: Self-assessment for lecture 12 (Real)	0.00000	0.000000

#### 4. Tutoring in GPRO (AAL)

- We invited 52 students to tutoring after the midterm exam.
- 9 students attended the first session.
- 2 students attended the second session.
- 8 of the invited Medialogy students dropped out, only 1 dropout student attended the first tutoring session.

#### 5. Student interviews

- In December 2017, we conducted interviews with struggling students (based on SSP score and Midterm exam score in GPRO).
- We invited 10 students from each campus (20 invites in total).
- AAL conducted single interviews with students, whereas CPH conducted a focus group interview. Not all students attended the interviews.
- Total dropouts of the invited students: 6 (4 from AAL, 2 from CPH)
- Total Q999 of the invited students: 3 (2 from AAL, 1 from CPH)