

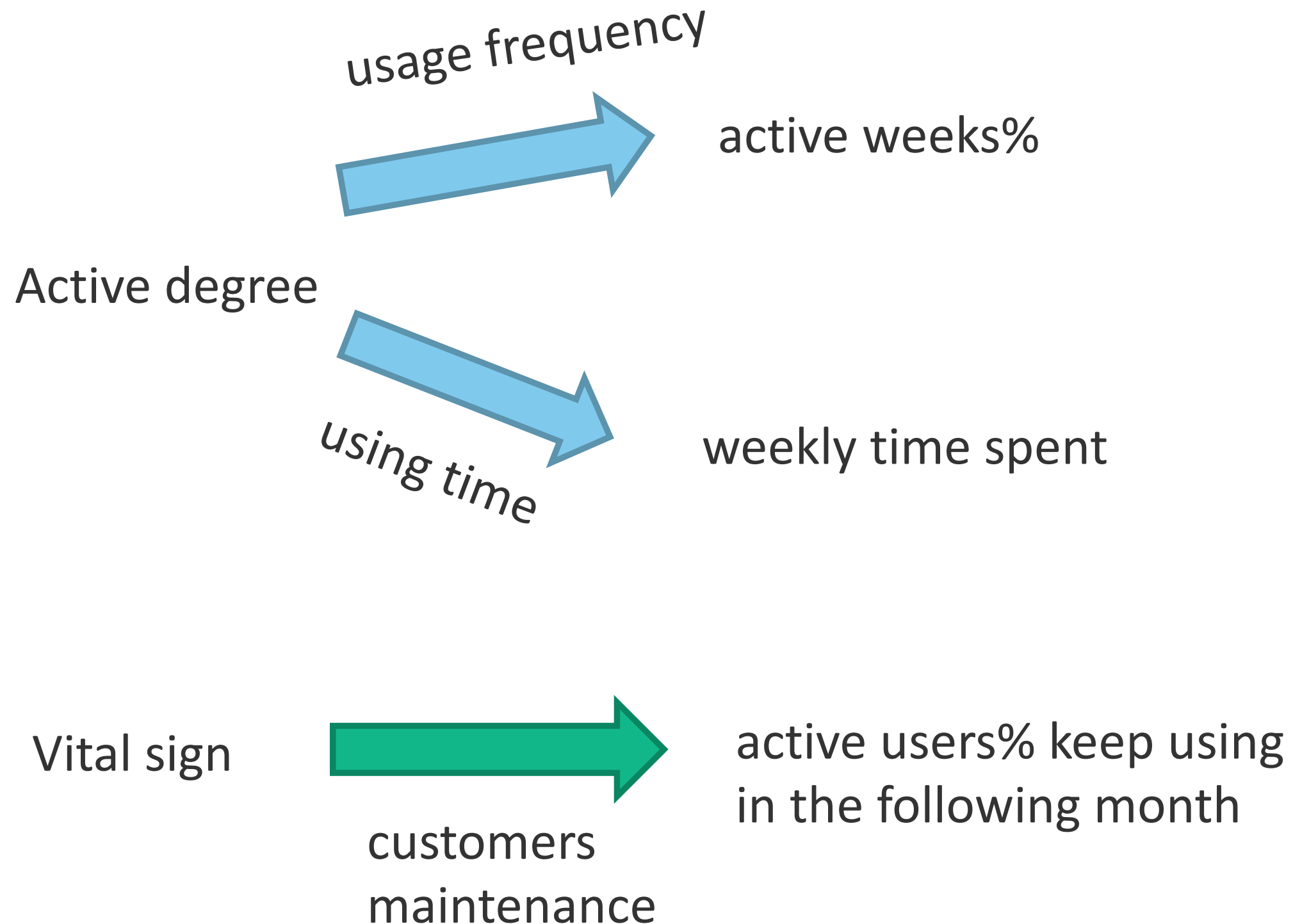
LEARNT CUSTOMER SUCCESS

Part C

OUTLINE

- Define active degree
- Access and analyze teaching quality
- Develop the vital sign
- Analyze the relationship between engagement in Learnta system and learning outcomes
- Actionable advices to make Learnta member schools active
- Actionable advices to improve recurring revenue

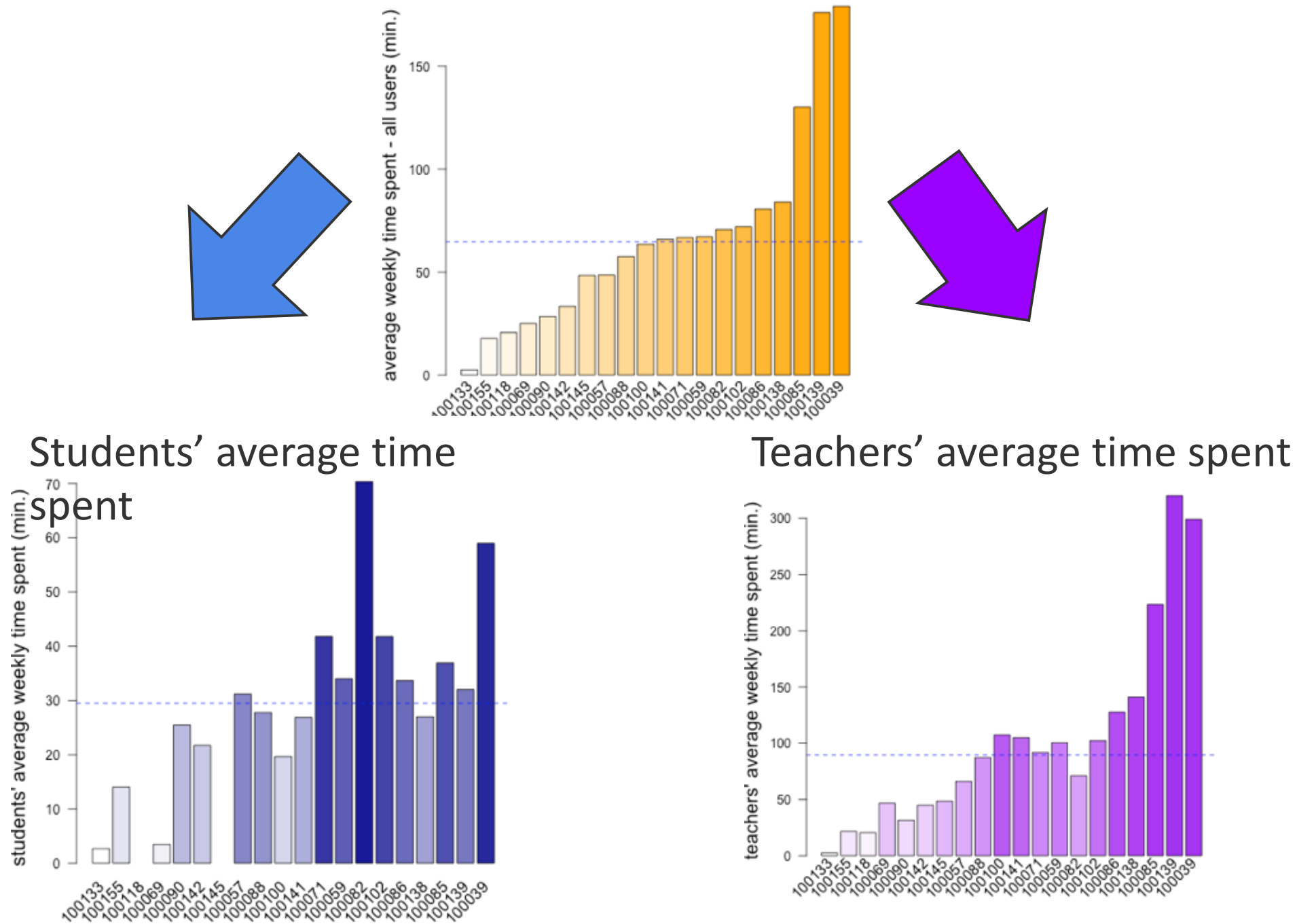
EVALUATE THE USAGE FOR EACH ORGANIZATION



ACTIVE SCORES OF ALL ORGANIZATIONS

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► Weekly Time Spent User



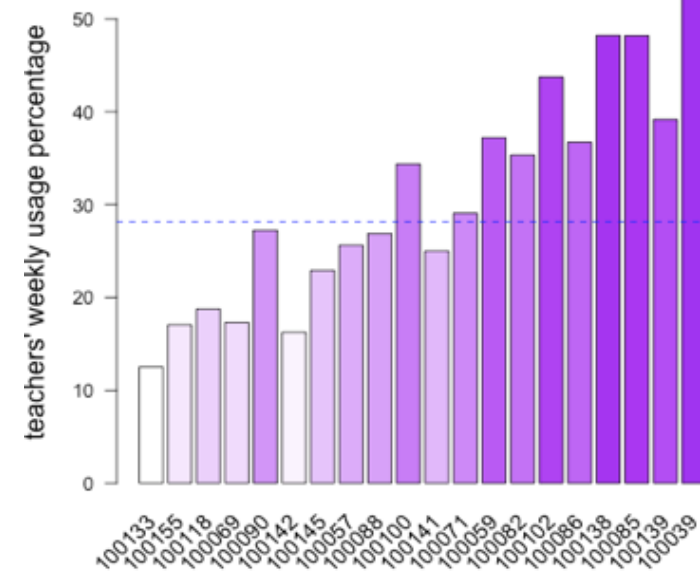
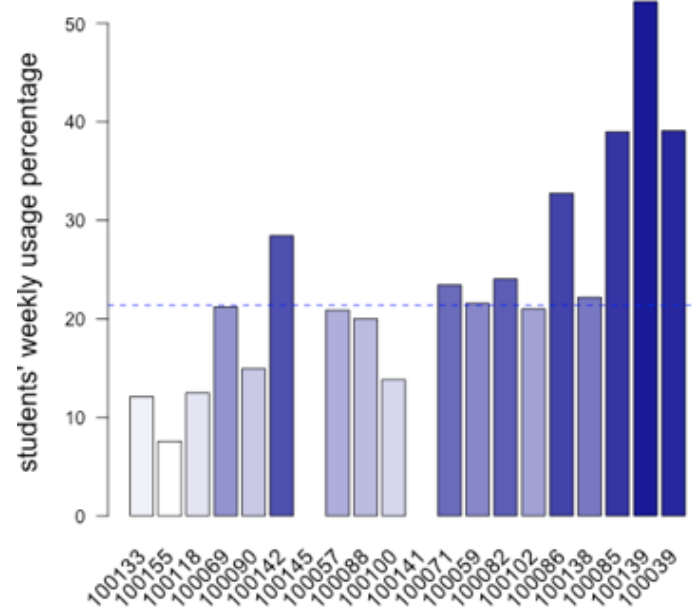
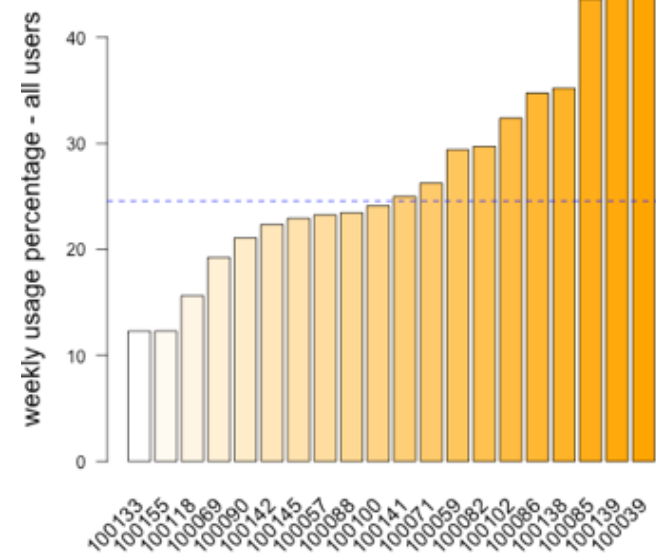
ACTIVE SCORES OF ALL ORGANIZATIONS

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► Weekly Usage Frequency

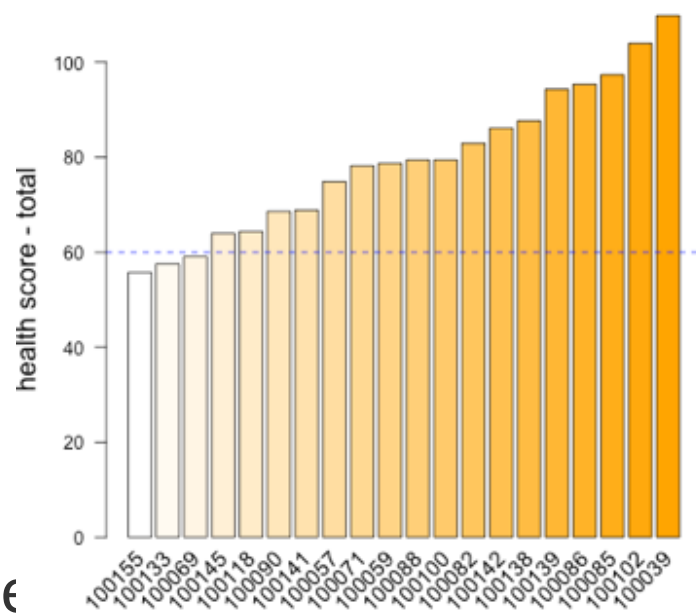
Overall average

Students' average frequency

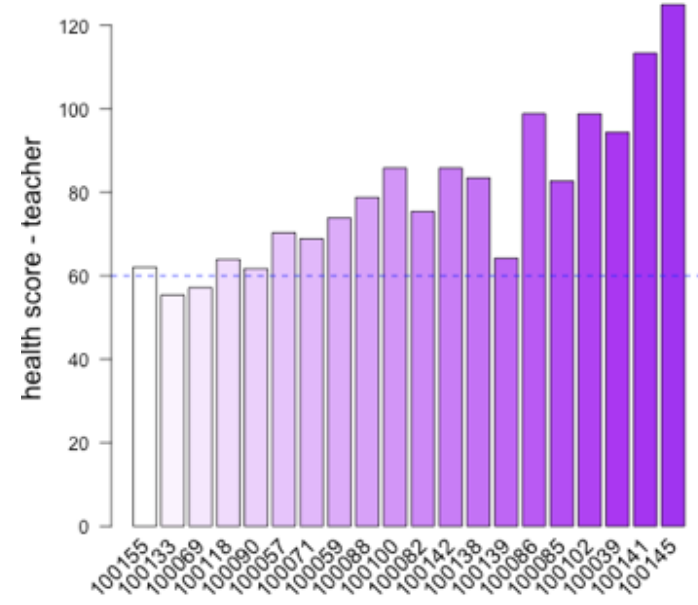
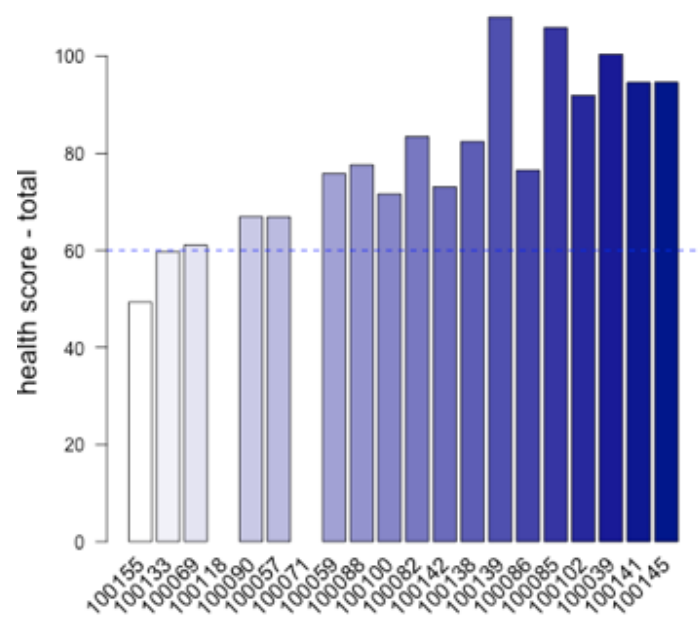


ACTIVE SCORES OF ALL ORGANIZATIONS

Overall active score



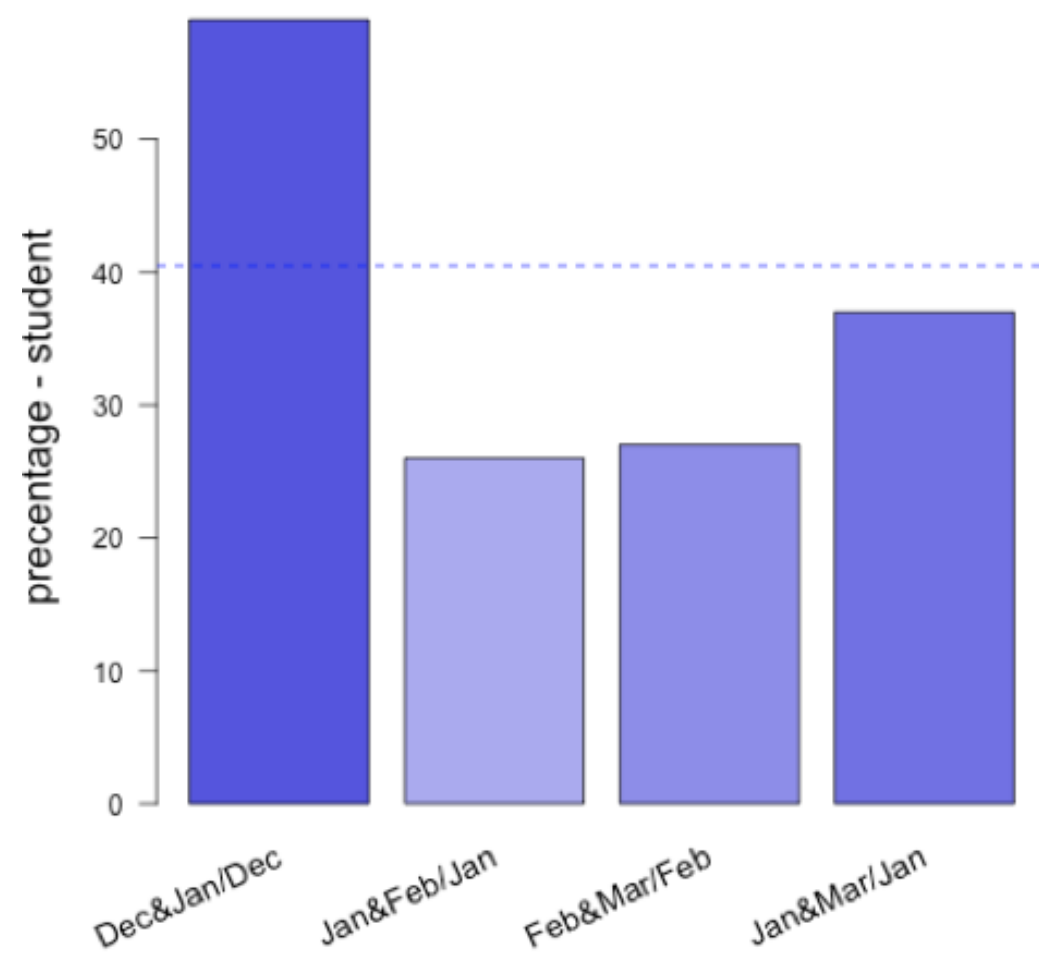
Students' active score



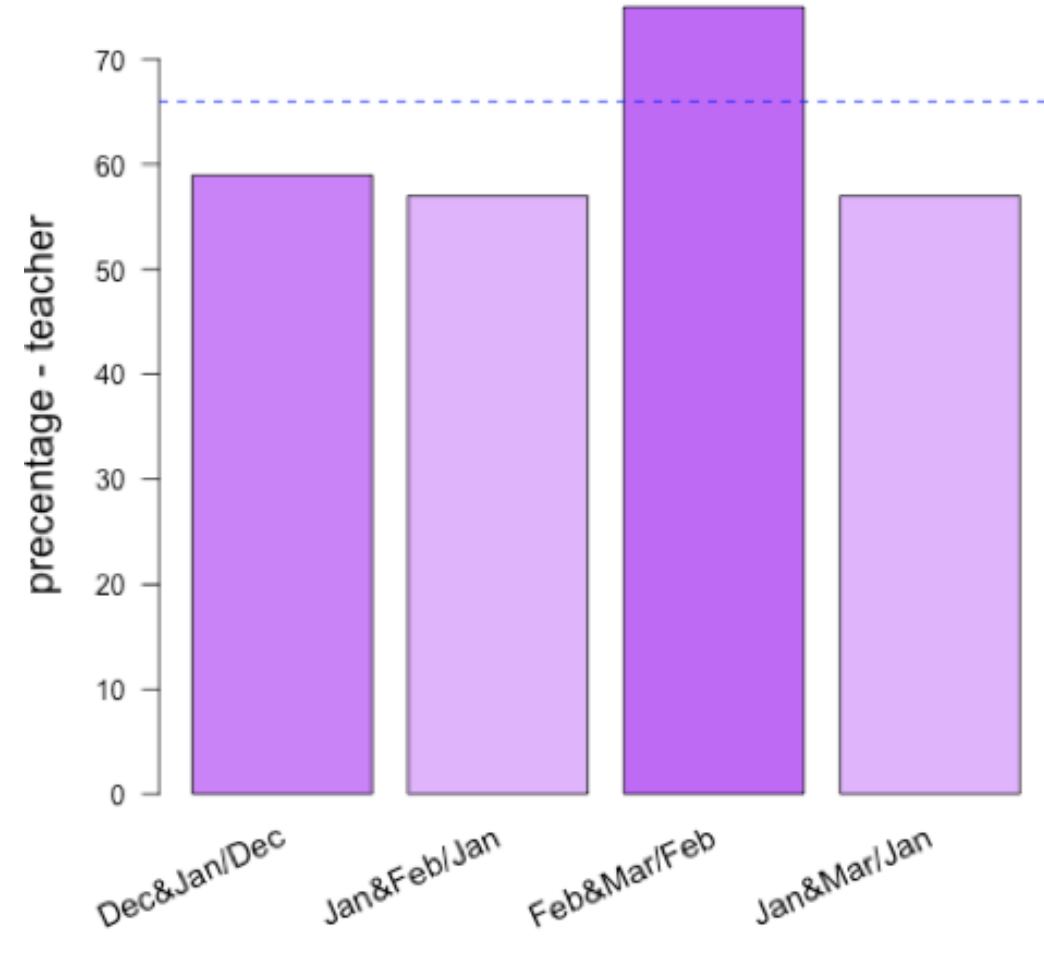
VITAL SCORES OF SELECTED ORGANIZATION

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Students' scores

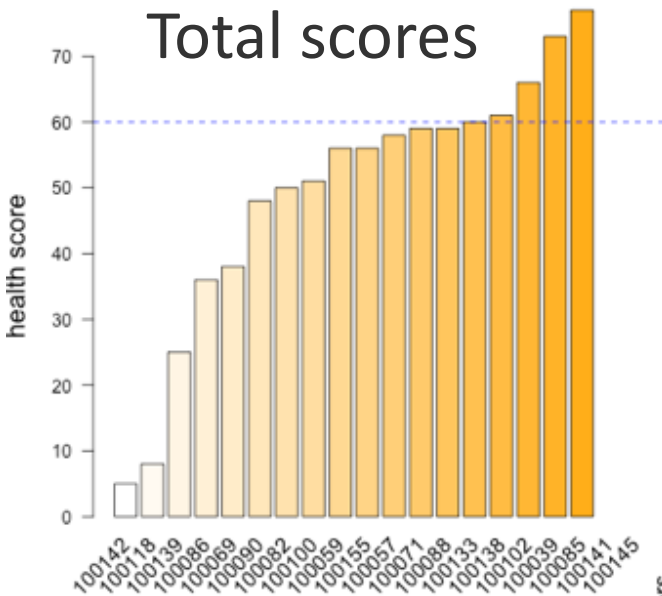


Teachers' scores

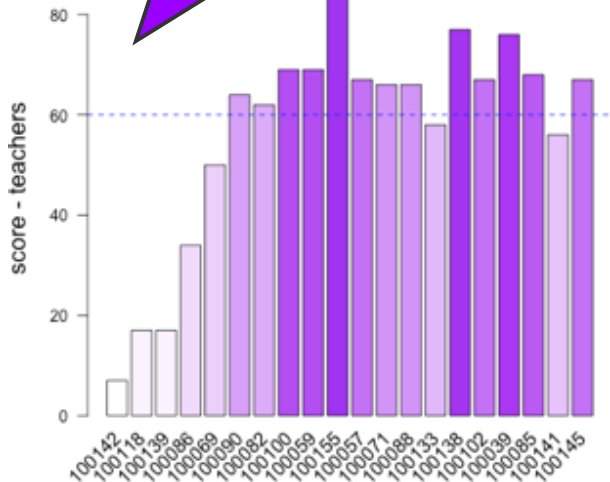


VITAL SCORES COMPARISON OF ALL ORGANIZATION

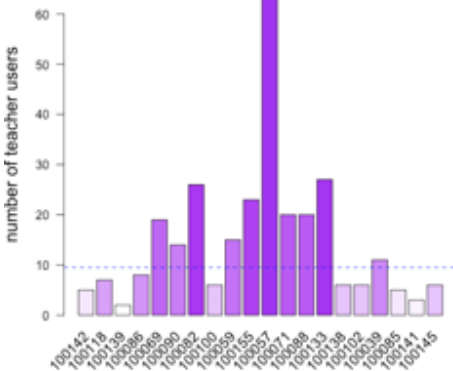
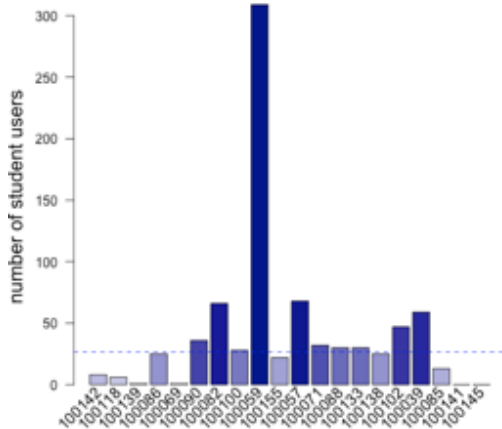
Students' scores



Teachers' scores



Student numbers



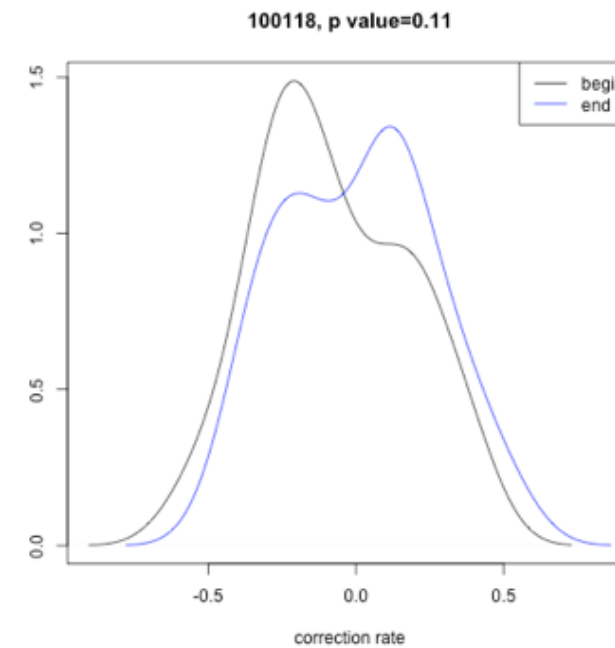
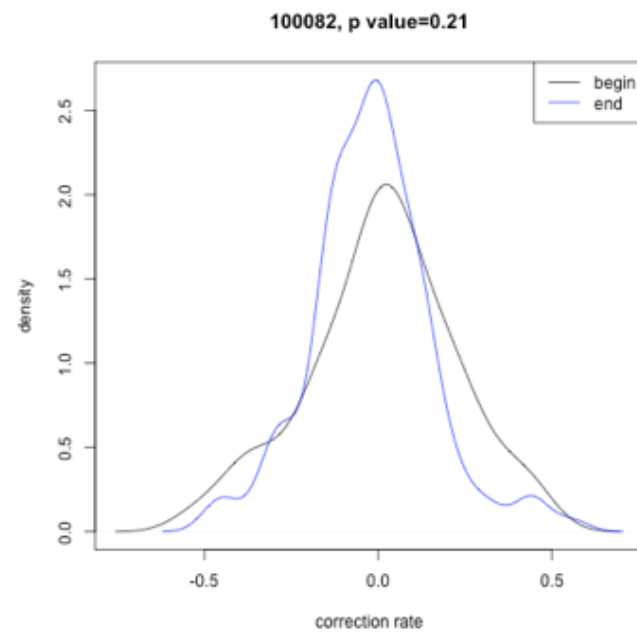
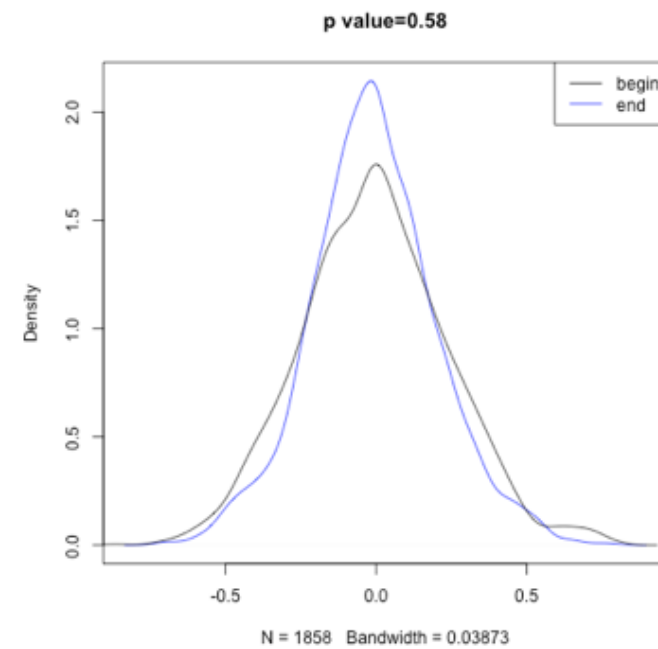
Teacher numbers

QUANTIFY STUDENTS' IMPROVEMENT

- Difficulty of each question: correction\%
- Student's score in each question: $\text{correctness (1:correct; 0:incorrect)} - \text{difficulty}$
- Student's ability at the beginning: $\text{average(score) of 1}^{\text{st}} 20\% \text{ questions}$
- Student's ability at the end: $\text{average(score) of last } 20\% \text{ questions}$
- Student's improvement: $\text{ability at the beginning} - \text{ability at the end}$

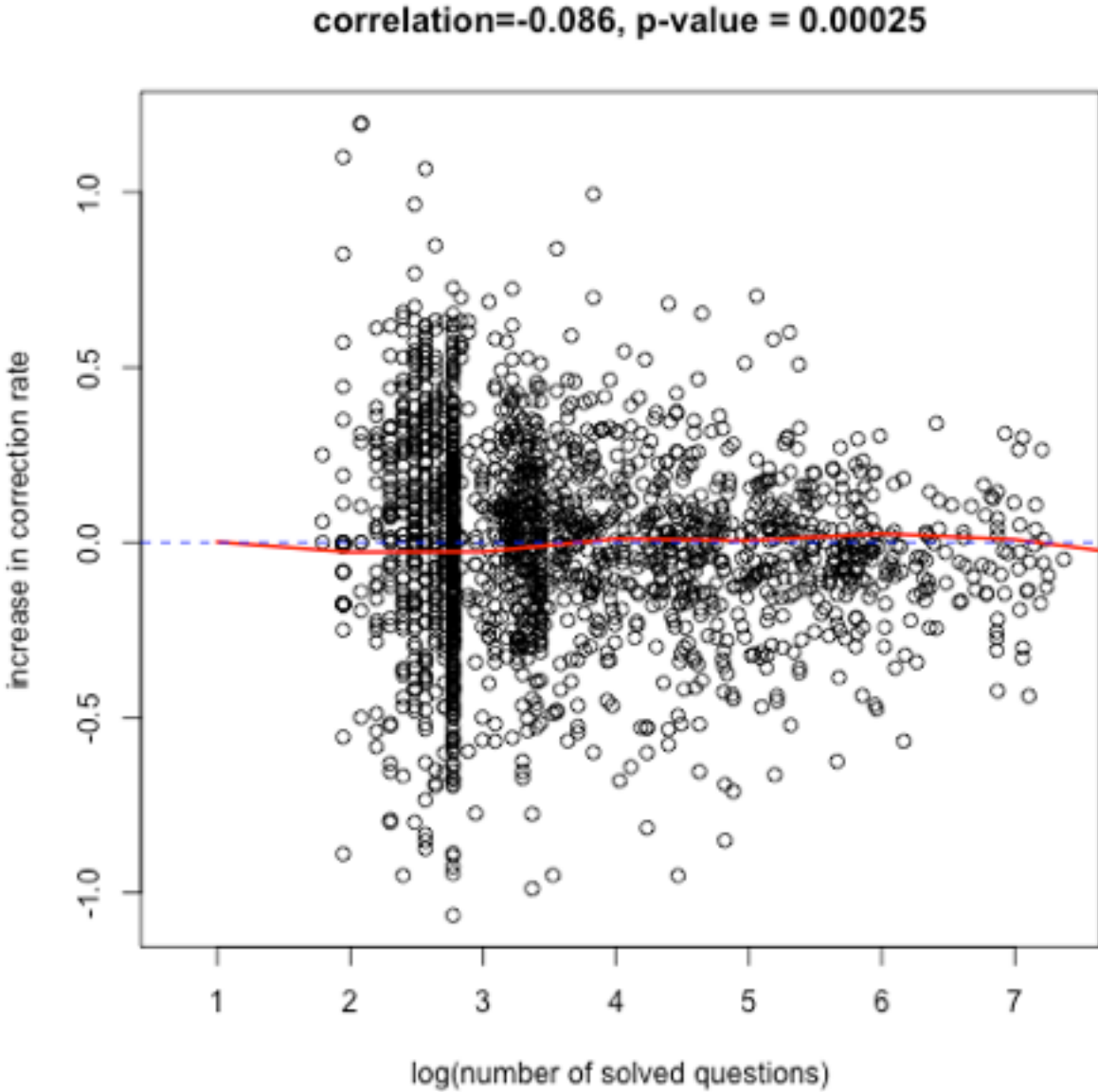
IMPROVEMENT

All students



	begin	end	p_value
100086	0.007	-0.039	0.21
100039	-0.007	-0.025	0.37
100059	0.029	-0.053	0
100057	-0.049	-0.015	0.11
100069	-0.045	-0.001	0.29
100071	-0.027	0.019	0.26
100082	0.01	-0.019	0.21
100090	0.006	-0.016	0.45
100085	0.263	0.165	0.11
100088	0.008	-0.012	0.67
100102	-0.022	0.001	0.06
100100	-0.002	-0.004	0.97
100118	-0.078	0.006	0.11
100139	0.06	-0.117	0.53
100142	-0.379	-0.109	0.02
100138	0.031	0.058	0.52
100133	0.042	0.049	0.83
100145	-0.018	-0.015	0.89
100155	0.003	-0.043	0.13
100141	0.175	0.122	0.48

CORRELATION BETWEEN ENGAGEMENT AND IMPROVEMENT



	correlation	p_value
100086	-0.09	0.6
100039	0.04	0.7
100059	-0.01	0.91
100057	-0.11	0.15
100069	0.69	0.31
100071	-0.26	0.06
100082	-0.07	0.43
100090	-0.01	0.9
100085	-0.31	0.31
100088	-0.09	0.58
100102	-0.08	0.07
100100	0.04	0.75
100118	0.21	0.22
100139	0.26	0.83
100142	0.36	0.64
100138	-0.56	0.01
100133	-0.03	0.77
100145	-0.08	0.51
100155	-0.22	0.02
100141	0.05	0.83