

Yet another run in NS and some summary data

Zoran Budimac
Zoran Putnik

Novi Sad, informatics, assignments

Novi Sad	Nr of Students	Average Points Assgn 1	Average Points Assgn 2	Average Points Assgn 3	Average Points Assgn 4	Average Points Assgn 5	Average Points Assgn 6	Average Points Assgn 7	Total Points Assgn
2004	45	81,11%	66,67%	63,78%	73,11%	75,78%	88,61%	68,52%	74,05%
2005	54	73,89%	74,53%	80,38%	79,90%	80,68%	94,32%	95,45%	81,75%
2006	60	81,67%	75,42%	88,00%	75,56%	80,67%	91,67%	91,67%	81,85%
2007	66	77,73%	75,99%	85,76%	77,42%	78,30%	94,38%	91,67%	82,18%
2008	47	80,20%	69,63%	80,20%	69,33%	50,40%	87,25%	85,50%	73,56%
Average		78,92%	72,45%	79,62%	75,06%	73,17%	91,14%	87,23%	78,68%

Why? Before: inexperience of teachers? Now: Bologna, 'bad' generation?

Novi Sad, informatics, tests

Novi Sad	Average Points Test 1	Average Points Test 2	Average Points Test 3	Average Points Test 4	Total Points Tests
2004	67,77%	67,70%	77,50%		70,99%
2005	68,07%	66,09%	66,92%	63,95%	66,25%
2006	70,41%	71,35%	67,54%	58,99%	70,05%
2007	68,63%	70,00%	54,01%	58,99%	61,49%
2008	66,07%	58,67%	53,40%	44,47%	55,65%
Average	68,29%	66,53%	60,47%	58,16%	63,36%

Novi Sad. Bologna. Lower here, as well

Our students have a very high opinion about themselves:

- Average grade during studies:
 - 9-10 – 8%
 - 8-9 – 32%
 - 7-8 – 60%
 - 6-7 – 0%
- Grade student expects for SE:
 - 10 – 17%
 - 9 – 63%
 - 8 – 20%
 - 7 – 0%
 - 6 – 0%

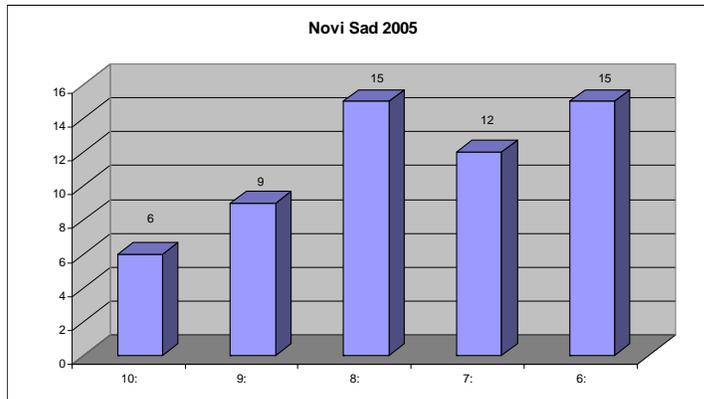


Average

8.97

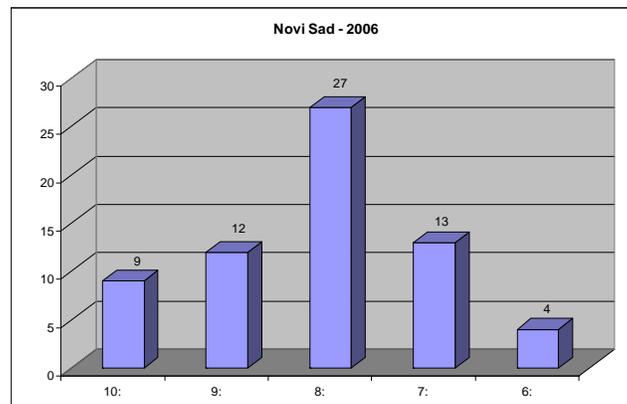
What was the situation with students during previous years?

- School-year 2005/06, 61 enrolled, 33 passed immediately, 4 graduated without this exam, 24 passed in the meantime.
- Grades were:



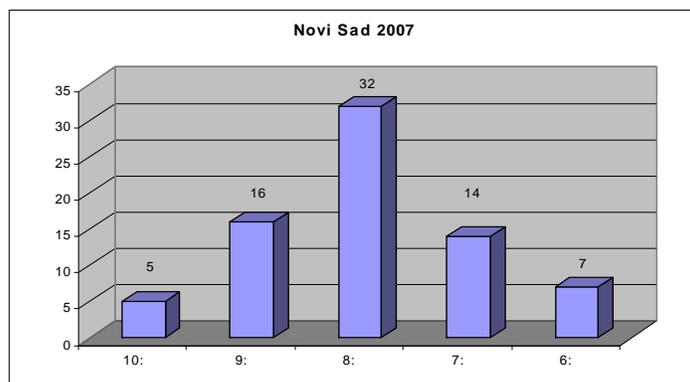
What was the situation with students during previous years?

- School-year 2006/07, 67 enrolled, 65 passed so far.
- 2 students of “mixed” studies haven’t passed.
- Grades were:



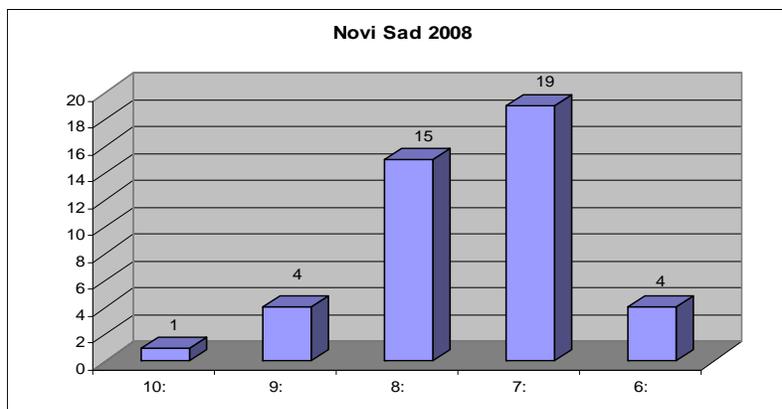
What was the situation with students during previous years?

- School-year 2007/08, 82 enrolled, 74 passed so far.
- 5 students of “mixed” studies haven’t passed.
- Grades were:



What was the situation with students during previous years?

- School-year 2008/09, 59 enrolled, 43 passed so far.
- 6 students of “mixed” studies haven’t passed.
- Grades were:

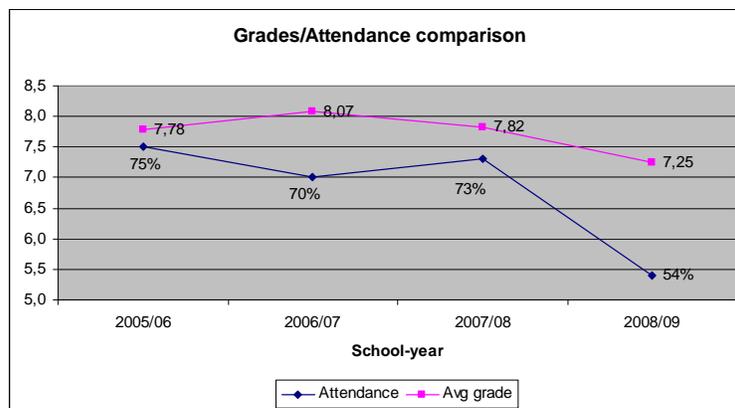


Lecturers grades, over the years:

	2008/09	2007/08	2006/07	2005/06	Love to have
Attendance	54%	73%	70%	75%	
Studying time	1.48h	1.5h	1.79h	1.2h	
Assignment time	3,5h	2.7h	2.99h	2.63h	
Appr. quantity of knowledge	2,96	3,12	2,97	3,21	3
Appr. lecture content	2,75	3,00	3,00	3,04	3
Course well structured	3,50	3,83	3,31	3,46	5
Lecturer:					
- knows the material	3,75	4,79	4,10	4,50	5
- well prepared	3,89	4,65	3,69	4,25	5
- engaged	3,85	4,59	3,76	4,04	5
- willing to answer questions	4,68	4,91	4,64	4,46	5
- appr. presentation speed	3,29	2,33	3,41	3,25	3
- inspiring style	3,39		3,21	2,92	5
Adequate quantity of information	3,29	3,70	3,28	3,38	5
Well organized slides	3,43	3,70	3,56	3,38	5
Tough assignments	3,25	2,70	3,30	3,21	3
Motivating assignments	3,21	3,20	3,22	2,71	5
Learned enough?	3,85	4,04	3,82	4,08	5
Learned smtg useful?	3,78	4,56	3,90	4,08	5
Grade for the course:	3,82	3,95	3,82	4,00	?

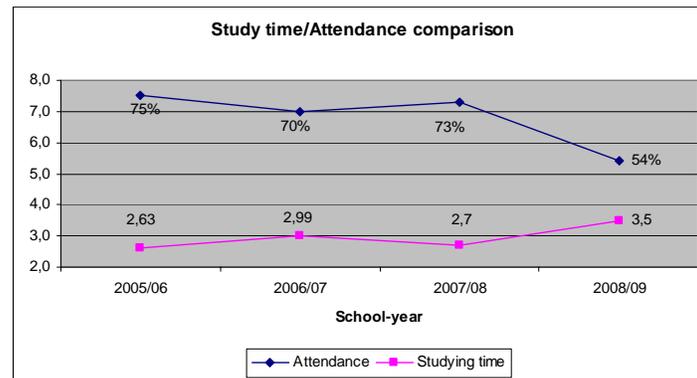
Student grades vs. attendance

- High attendance – high grades
- Attendance down to 50% - grades down 0.5



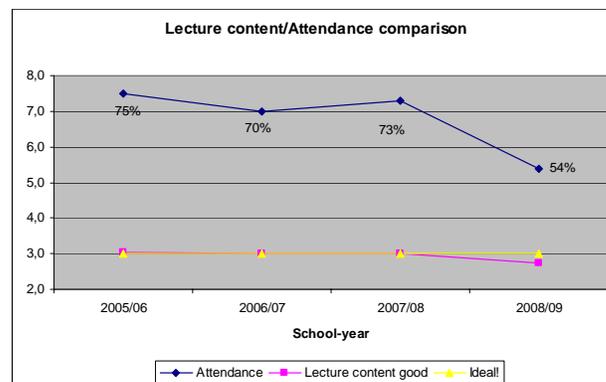
Attendance vs. time to study

- High attendance – less time to study
- Attendance down to 50% - study time needed, up ½ hour (... and grades down ½ grade)



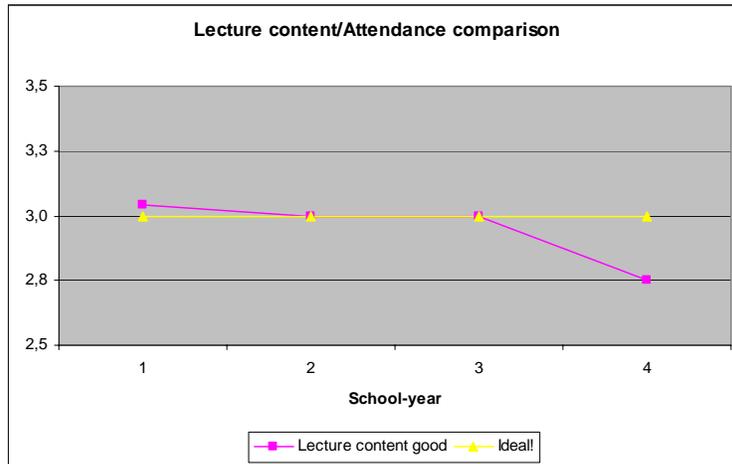
Lecture content vs. attendance:

- High attendance – good lectures content
- Attendance down to 50% - lecture content becomes worse!



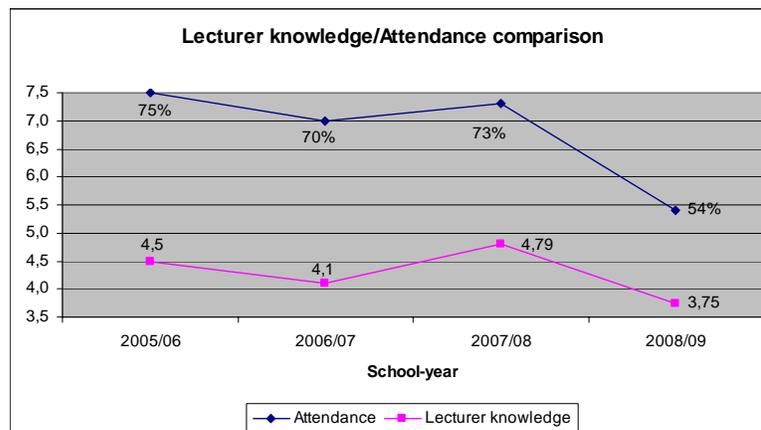
A closer closer look into the previous:

- Were we ideal, or what?



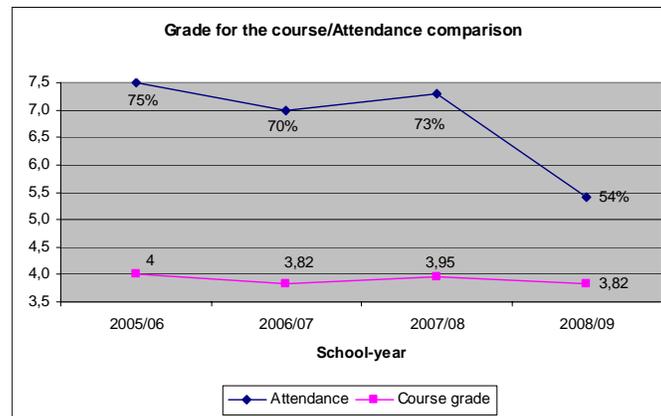
What about the course in general?

- High attendance – lecturer knows the content
- Attendance down to 50% - lecturer doesn't know much



How about a closer look into the lecturers:

- Smaller attendance haven't influence the general grade for the course, as much as the other grades:



How about a closer look into the lecturers:

- Over the years, we:
 - forgot the material,
 - became less prepared,
 - less engaged,
 - and too fast ...
- ... yet:
 - are still willing to answer questions.

Lecturer:	2008/09	Previous years
Knows the material	3,75	4,46
Well prepared	3,89	4,20
Engaged	3,85	4,13
Willing to answer questions	4,68	4,67
Appr. presentation speed	3,29	3,00
Insiring style	3,39	3,07

- But, we insiper more!

While for our course, they say that:

- Over the years, course:
 - delivered less knowledge, and
 - content became worse.
- Slides:
 - don't have enough info,
 - and are not so organized anymore.
- Assignments:
 - became more difficult, but
 - more motivating.
- In general, students:
 - learned less,
 - and much less useful things.
- Naturally, our final grade dropped down, too 😞

Course:	2008/09	Previous years
Appr. quantity of knowledge	2,96	3,10
Appr. content	2,75	3,01
Well structured	3,5	3,53
Slides:		
Adq. quantity of info	3,29	3,45
Well organized	3,43	3,55
Assignments:		
Tough	3,25	3,07
Motivating	3,21	3,04
General:		
Learned enough	3,85	3,98
Learned useful things	3,78	4,18
Final grade	3,82	3,92

Is that really true?

- Maybe it is, but we'll never know!
- “Noone” was there to listen and check!
- Out of 59 students, attendance was:
 - Wednesdays 10%
(late evening, no other classes that day)
 - Fridays 50%
(at noon, after several other classes)

Conclusions

- Can we correlate some data?
 - Lower attendance ↔ lower lecturers' grades
 - Lower attendance ↔ lower students' grades
 - Lower students' grades ↔ lower lecturers' grades
 - Lower attendance ↔ more time to study

Conclusions, contd.

- Lower attendance ↔ lower lecturers' grades
 ↔ lower students' grades ↔ more time to study
 ↔ **generally 'bad'* generation**
- Measure the 'badness' -> calculate everything else?

- 'Bad'* generation = not motivated, not interested,
 with lower marks in other courses,...