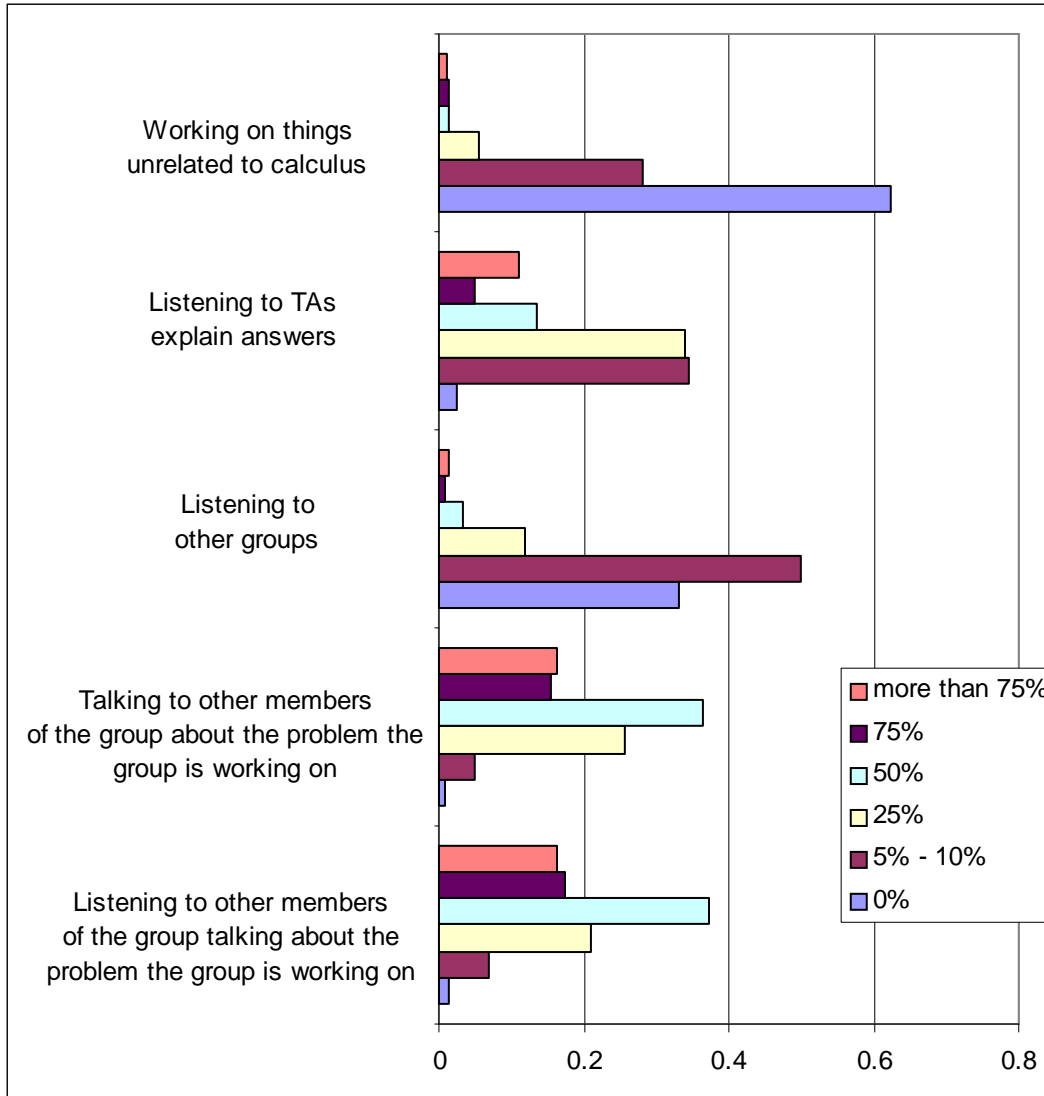


2010 Midterm Survey – Math 180 Calculus Workshops

Overall students' responses are similar to last year, except that this year the response rate is much higher: 93% of registered students completed the survey, against 79% in 2009 and 81% in 2008.

Students' engagement: Students seem to interact with their peers and the TAs as much as last year.

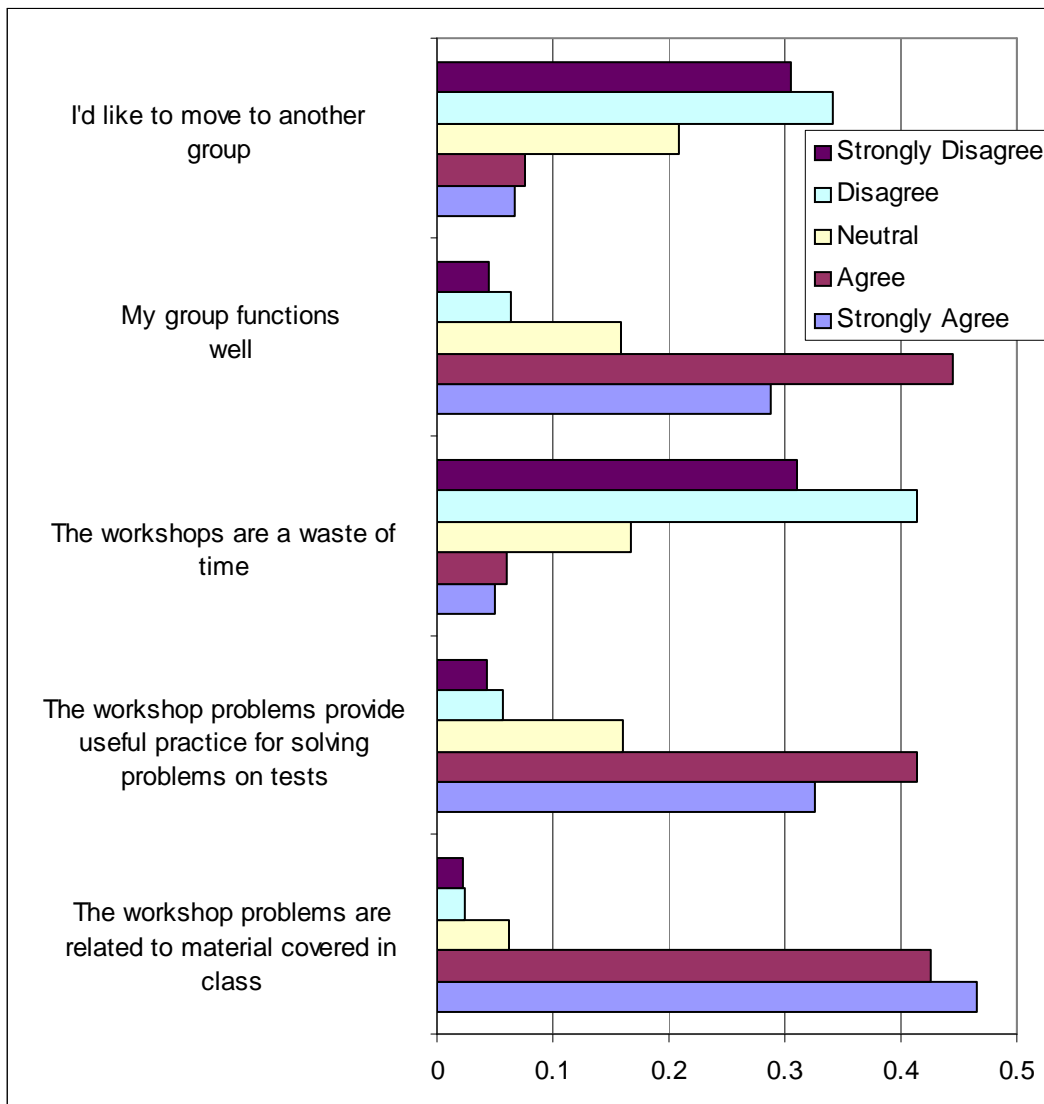


Very few students reported to be spending time on things unrelated to calculus:

Q: Time spent on things unrelated to Calculus	2008/09 (N= 370, 81% of enrolled)	2009/10 (N= 348, 79% of enrolled)	2010/11 (N= 377, 93% of enrolled)
0%	46%	57%	62%
5%-10%	36%	29%	28%
25%	9%	5%	6%
50%	5%	3%	1%
75%	2%	1%	1%
>75%	2%	4%	1%

Students' perceptions

Only about 11% of students (N=40) agreed with the statement “the workshops are a waste of time”, same percentage as last year.



About 32% (N=13) of the students who think the workshops are a waste of time reported that their group doesn't function well.

Most of the students' comments on the survey were very positive. A few examples:

Q: What is the one thing you find most valuable about the workshops?

“Problems I don't understand are gone over in detail and discussion until everyone in the group understands. It is also a gauge of how well I know the material so far, letting me know what I need to study”

“forced to work out questions yourself with minimum help”

“I really like working through the problems, there is a strong sense of accomplishment when I figure it out before others”

“great to discuss so that I know how much I understand when I talk about it”

“hands on math experience. I don't learn well from lectures, I have to actually do math”