



Voting for course setup

AIMMS workshop May 2019

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Division of Medicinal Chemistry

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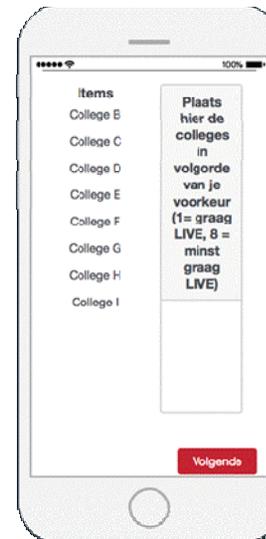
Division of Synthetic and Bioorganic Chemistry

Danny Scholten

Division of Innovations in Human Health&Life Sciences

Students' vote

- **Moleculaire Principes only**
 - Blended: live & online lectures (Danny)
 - Which ones?
- **In week 1, vote for live & online lectures**
 - Activate: think about course material early on
 - 'Co-owner' course



Participation

VU BETA – Innovations in H2LS

	2018	2017	2016	2015
% voters/#1 st year exam students				



Participation

	2018	2017	2016	2015
% voters/#1 st year exam students	79	71	68	91



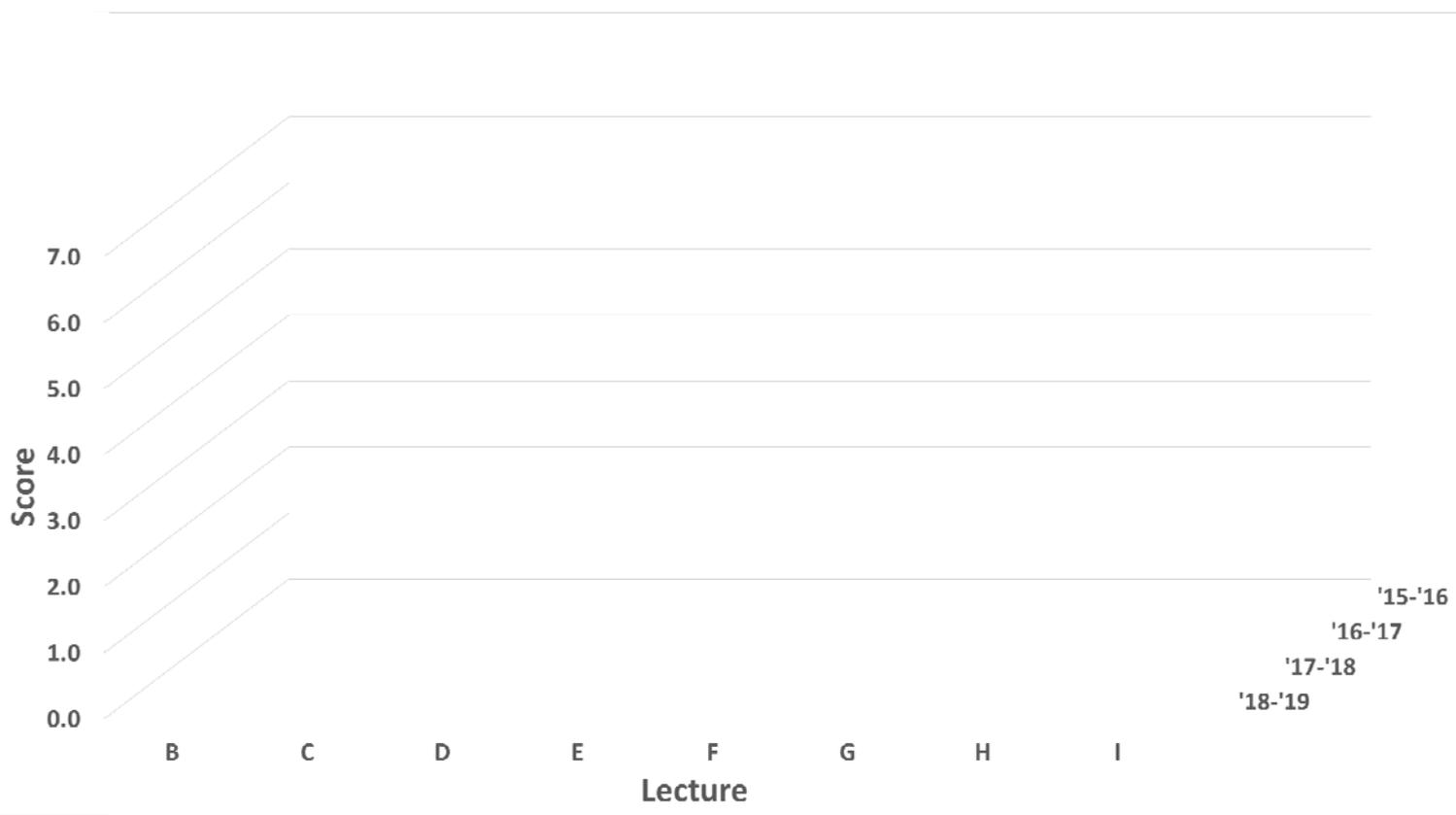
'Novelty' effect??
Emphasised more??



Vote outcome

- 1 = highest priority

(A: Equilibria)
 B: Acid-base basics
 C: Acid-base advanced
 D: Titrations / statistics
 E: Solubility
 F: Redox
 G: Organic chemistry
 H: Biopolymers
 I: Molecular recognition

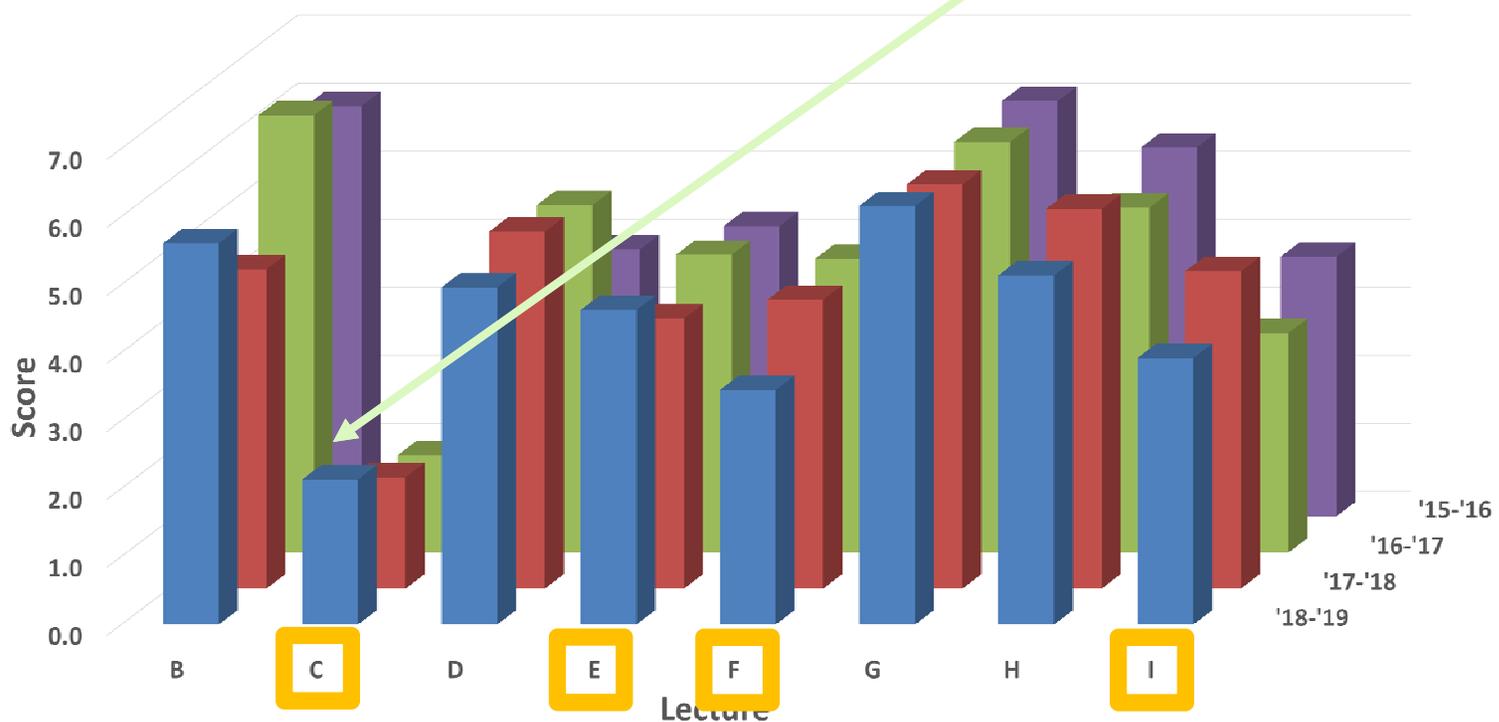


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Hint teacher



Key evaluation results students

- Four years combined; Likert scale (1-5)

"Enough material was offered to make a choice for the 'live' lectures"	80% ✓	6% ✗
"There was enough time (2 days) to make the choice for 'live' lectures"	72% ✓	9% ✗
"The choice process gave me a good view on the course contents early on"	71% ✓	1% ✗
"I am satisfied with the ultimately democratically elected live lectures"	85% ✓	3% ✗

	2018	2017	2016	2015
Next year again?				



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	2018	2017	2016	2015
Next year again?	4.12 / 88%	4.38 / 88%	4.41 / 100%	4.22 / 78%

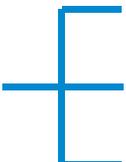


Teacher evaluation

- **Tip**
 - Do not know how course looks until course has started
- **Tops**
 - Inspect perceived difficulty
 - Give students a voice: involve as 'co-owner'
 - Share responsibility with students



Weekly voting

- **Structuur & (Re)activiteit (Eelco Ruijter)**
- **12 blocks** 
 - 4 lectures
 - 7 tutorials
 - 1 Q&A/discussion practice exam
- **Continuous choosing**
 - Every ~1,5 week: 2 chapters, 1 live lecture
 - Every ~1,5 week: students vote
 - Which live lecture, which practice exam, etc.
 - Slidecasts available prior to vote
 - Extensive and up-to-date Canvas environment crucial
- **Students become owner of their learning process**

