



AARHUS UNIVERSITY
SCHOOL OF BUSINESS AND SOCIAL SCIENCES



Brug af Educational IT i undervisningen: PollEverywhere

Associate Professor Carsten Bergenholtz (cabe@mgmt.au.dk)

Department of Management / Institut for Virksomhedsledelse





Agenda

- › Hvad er PollEverywhere?
- › Hvordan bruges PollEverywhere
- › Hvorfor bruge PollEverywhere
- › Løbende eksempler.

Undervisningssituationen





Hvad er PollEverywhere?

- › Et redskab til at interagere med en stor forsamling af studerende (f.eks. +200)

- › Anvendelsen af PollEverywhere
 - › Stil spørgsmål til studerende
 - › Giv dem 2 min. til at reflektere og svare
 - › Studerende indtaster svar via online link (pollev.com/cabe)
 - › Vis studerendes svar til plenum
 - › Brug svar til at skabe interaktion i rummet

- › Eksempler →

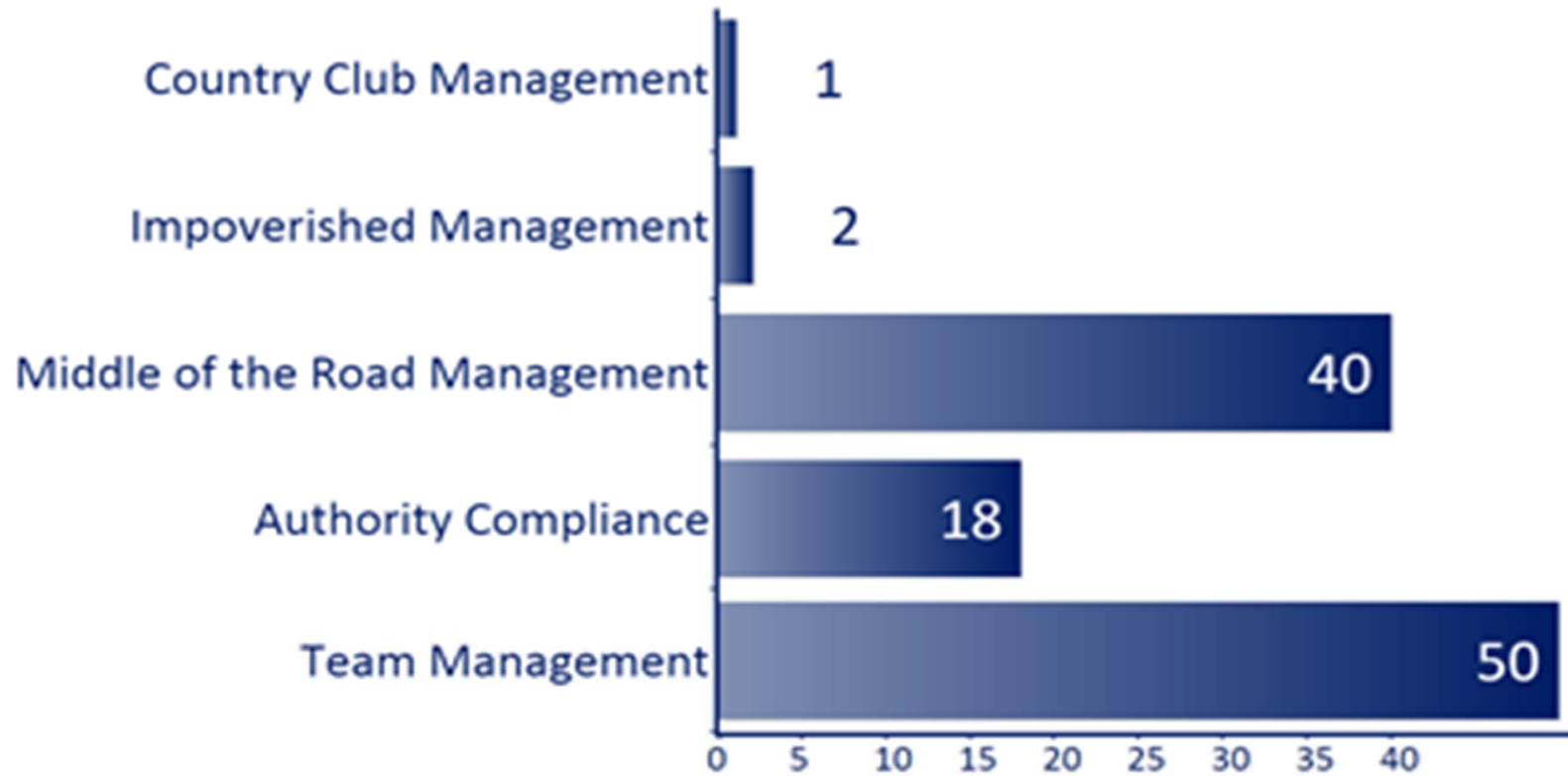


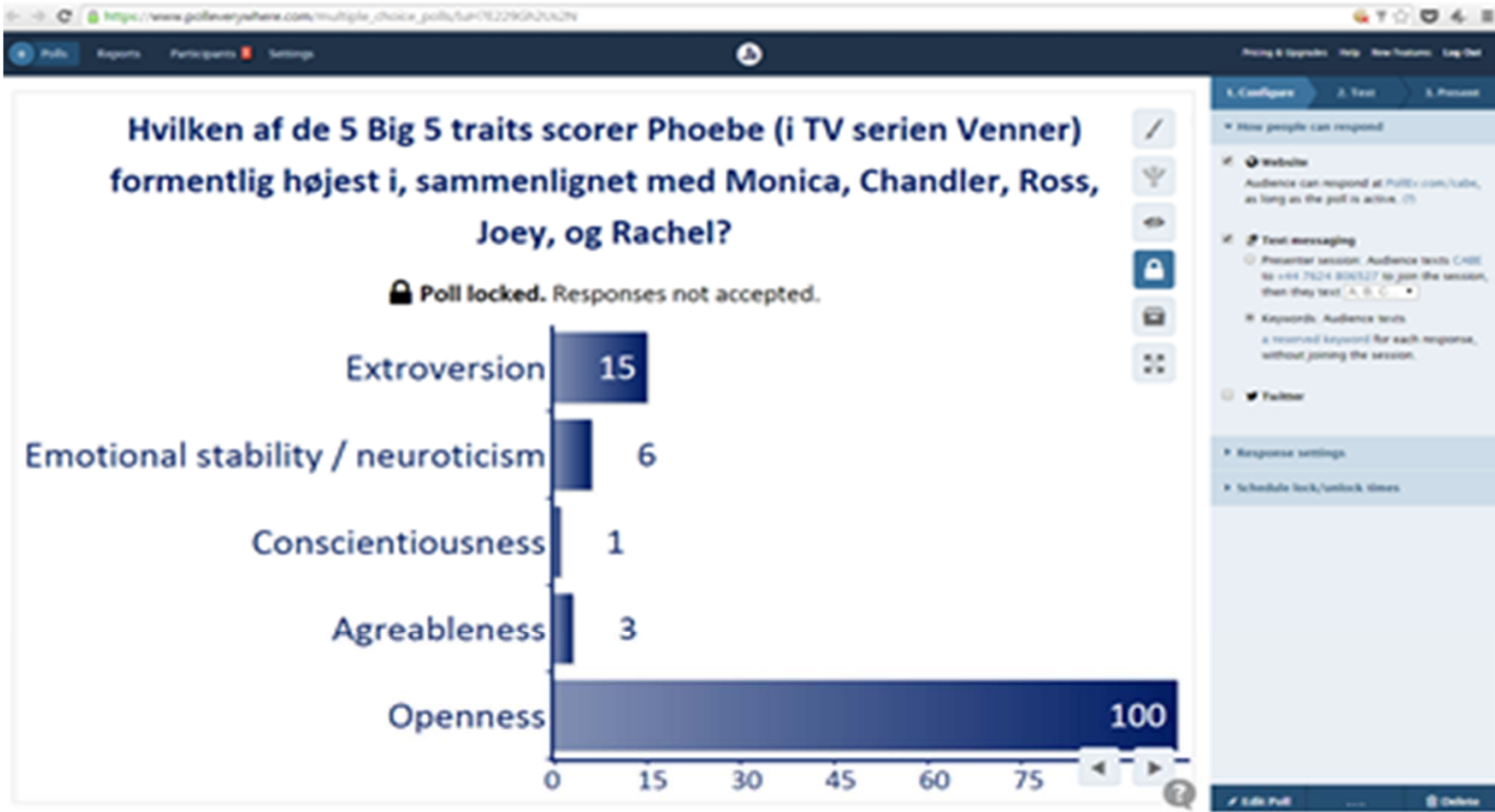
Pollev.com/cabe (2 min)

- › Trevor is the manager of On-Time Dry Cleaning. Trevor has a staff of five employees. Trevor requires employees to wash and iron hundreds of shirts a day. He sets high standards for his employees and rewards them with incentives for getting the work done on time. He makes sure each of his employees has cold water to drink while working. He even gives employees breaks throughout the day. But the wash must get done - and on-time. He accomplishes this by setting production goals and works with employees to be sure all of their needs are met.
- › Question: Which style of leadership does Trevor display, according to Blake & Mouton?

Hvilken form for ledelse udøver Trevor ifølge Blake & Mouton?

🔒 Poll locked. Responses not accepted.







← → ↻ https://www.polleverywhere.com/clickable_images/agIgs8uXegayZtw

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1. Configure 2. Test 3. Present

Where in this matrix should 9.9 leadership style (cf. Blake and Mouton) be positioned?

Poll locked. Responses not accepted.

The matrix plots leadership styles based on 'Tolerance for ambiguity' (High/Low) and 'Value orientation' (Task and technical concerns / People and social concerns). The styles are: Analytical (High ambiguity, Task concerns), Directive (Low ambiguity, Task concerns), Conceptual (High ambiguity, People concerns), and Behavioural (Low ambiguity, People concerns). Numerous green location pins are scattered across the matrix, with a high concentration in the 'Conceptual' quadrant.

Tolerance for ambiguity

High

Low

Value orientation

Task and technical concerns

People and social concerns

Analytical

Directive

Conceptual

Behavioural

How people can respond

- Website
Audience can respond at [Pollev.com/cabe](https://www.polleverywhere.com/cabe), as long as the poll is active. (?)

Response settings

Schedule lock/unlock times

[Edit Poll](#) [Delete](#)



Hvorfor bruge PollEverywhere? I

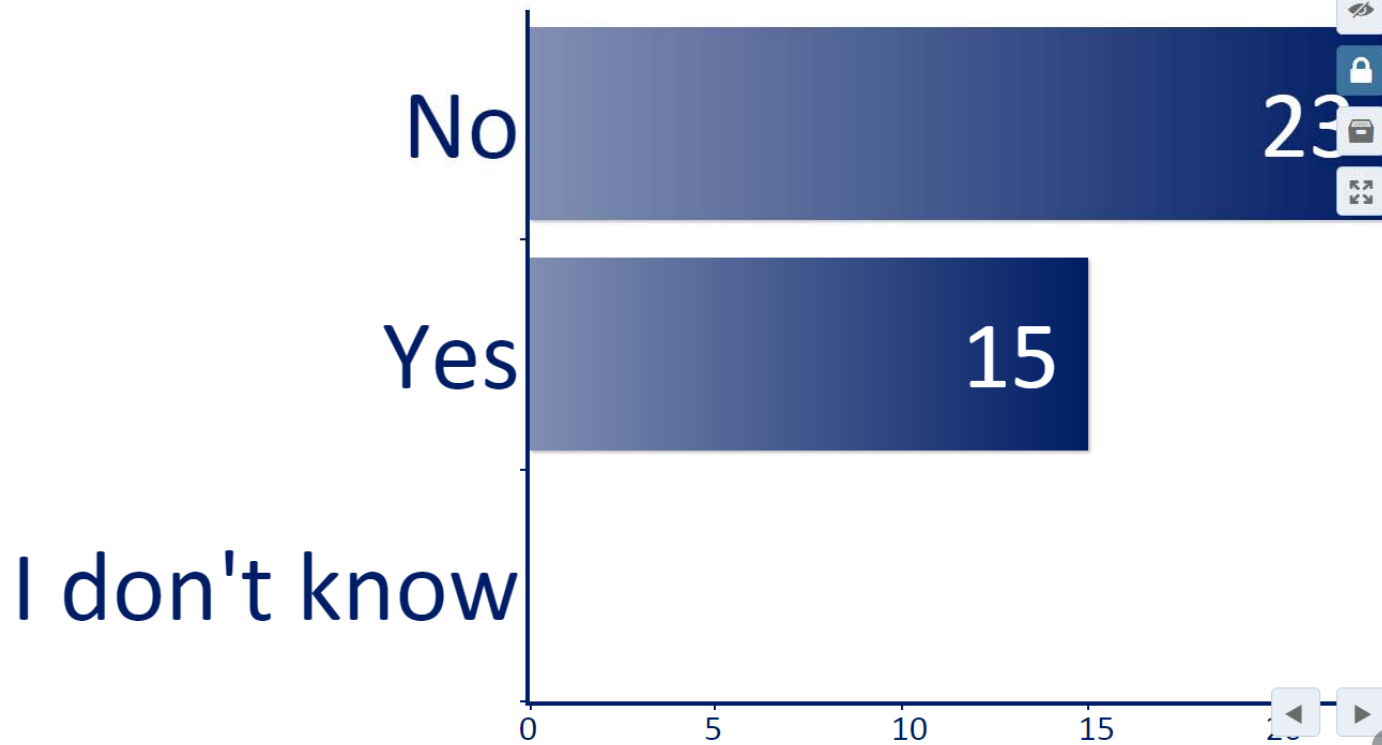
Fordele ved store hold (+100 studerende)

- > Break fra en-vejs præsentation
- > Feedback til studerende fra mig + sammenligning med andre
- > Feedback fra studerende til mig



Plagiarism involves a deliberate attempt to cheat

Poll locked. Responses not accepted.



How people can respond

- Website
Audience can respond at Polleverywhere.com/cabe, as long as the poll is active. (?)
- Text messaging
 Presenter session: Audience texts CABE to +44 7624 806527 to join the session, then they text [A, B, C...]
 Keywords: Audience texts
a reserved keyword for each response, without joining the session.
- Twitter

Response settings

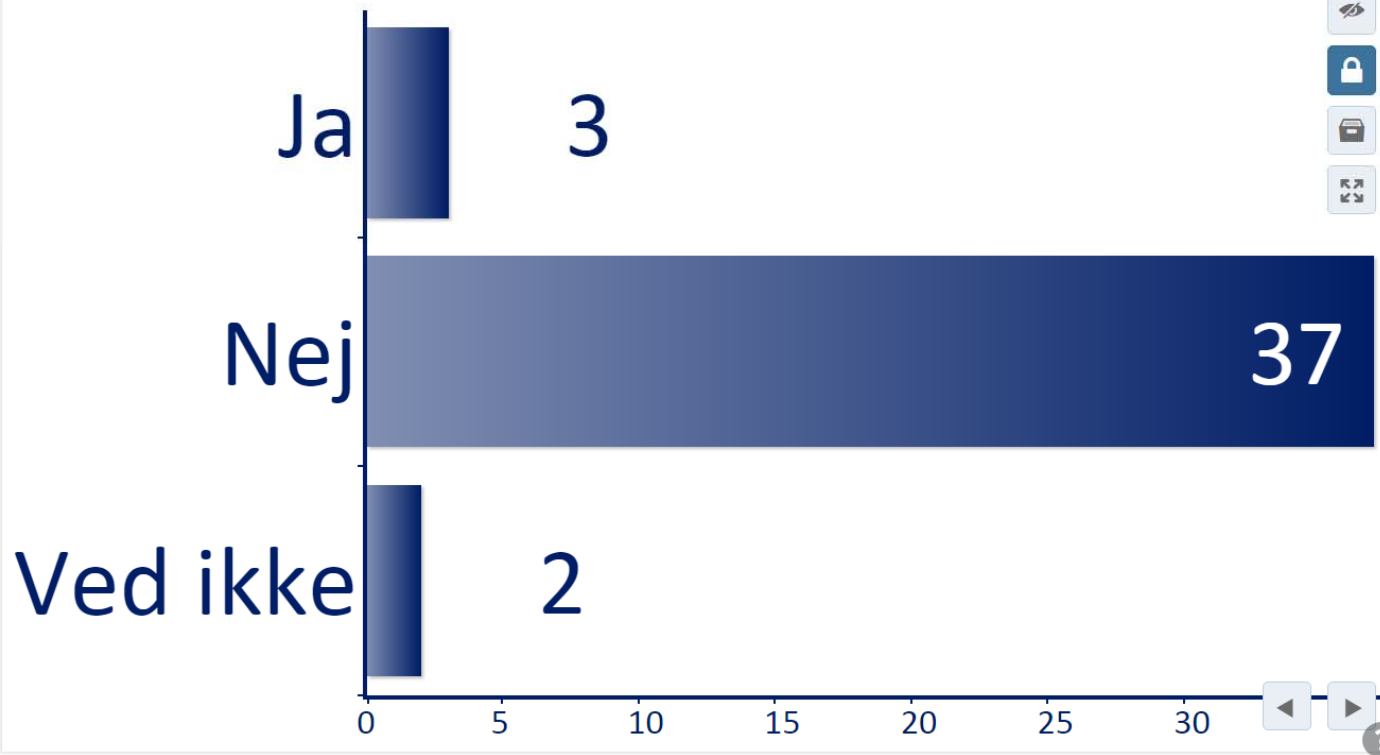
Schedule lock/unlock times

Edit Poll ... Delete



Plagiering indebærer at man bevidst har forsøgt at snyde?

Poll locked. Responses not accepted.



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Schedule lock/unlock times



Hvorfor bruge PollEverywhere? I Fordele ved store hold (+100 studerende)

- › Break fra en-vejs præsentation
- › Feedback til studerende fra mig + sammenligning med andre
- › Feedback fra studerende til mig
- › Skabe rum for tænkning og bringe viden i spil



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+ Polls Reports Participants **1** Settings

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Analytical

Directive

Conceptual

Behavioural

Task and technical concerns

People and social concerns

Value orientation

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◀ ▶

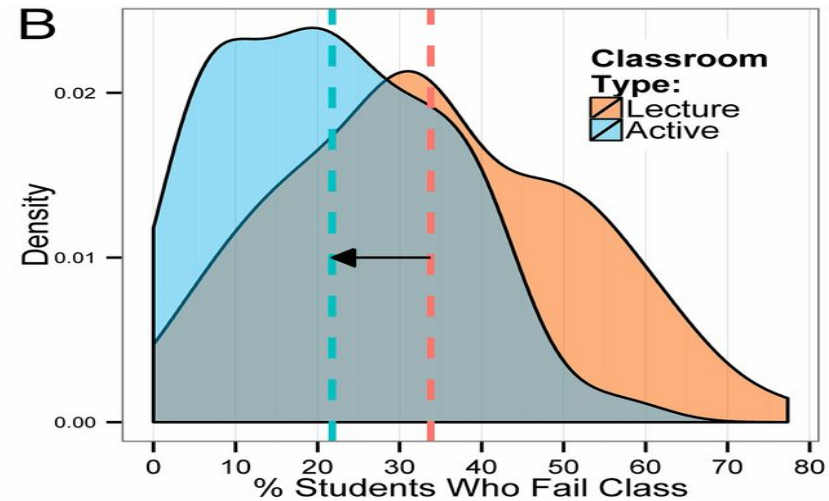
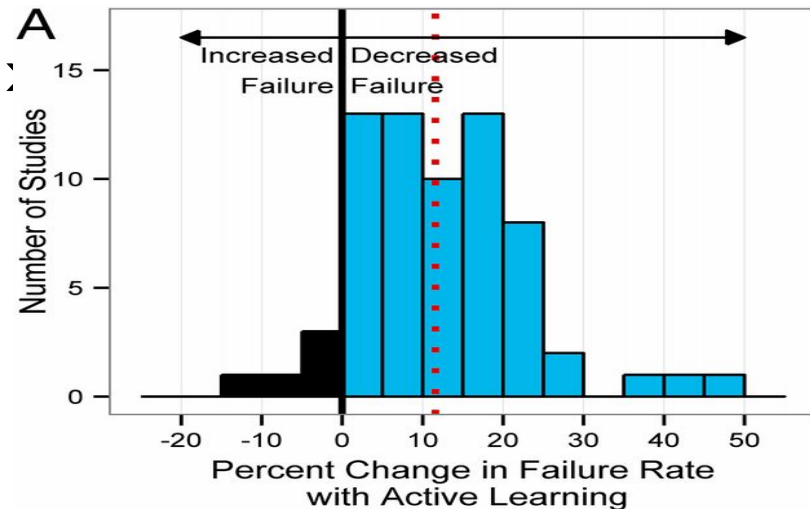
[Edit Poll](#) ... [Delete](#)



Hvorfor bruge PollEverywhere? I Fordele ved store hold (+100 studerende)

- › Break fra en-vejs præsentation
- › Feedback til studerende fra mig + sammenligning med andre
- › Feedback fra studerende til mig
- › Skabe rum for tænkning og bringe viden i spil
- › Interaktion, både 2-2 og i plenum

Hvorfor bruge PollEverywhere? II



› Videnskabelig evidens om feedback og læring

› Freeman et al.. 2014. "Active learning increases student performance in science, engineering, and mathematics." *PNAS no. 111 (23):8410-8415*.

› Billigt

- › Penge: Ca. 1300 DKK om måneden for op til 10 aktive licenser og 700 respondenter
- › Ressourcer: Nemt at bruge (lav læringskurve).



Dog også udfordringer: Hvordan stiller man de gode spørgsmål?

Forskellige typer spørgsmål

- > Spørgsmål med rigtige / forkerte svar
- > Nemme / udfordrende spørgsmål
- > Spørgsmål der skal skabe refleksion
- > Spørgsmål med udgangspunkt i case / video
- > Spørgsmål der tester viden fra tidligere på semestret
- >

- > Skab spørgsmål der relaterer sig til eksamenssituationen.



Opsummering: Hvorfor bruge PollEverywhere

- › Billigt og nemt for studerende og underviser
- › Skaber rum for aktiv læring og giver plads til feedback (til studerende og underviser)
- › Effektivt → bedre karakterer + mere tilfredse studerende.