

Coaching behaviour during a Sport Education basketball season with preservice teachers

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Introduction and objectives

Characteristics of Sport education

- Longer period
- Fixed, persisting teams
- Student coach
- Team affiliation
- Formal competition
- Culminating event
- Festivity
- Keeping records/scores

Fixed Lesson Plan

Basketball 3 v 3

- Functional warming-up
- Game related exercises
- Game play



Main goal of Teacher training programme

- How to improve the effectiveness of practica in Teacher Education (professional bachelor in PE)?
- How to improve the quality of a teamcoach?



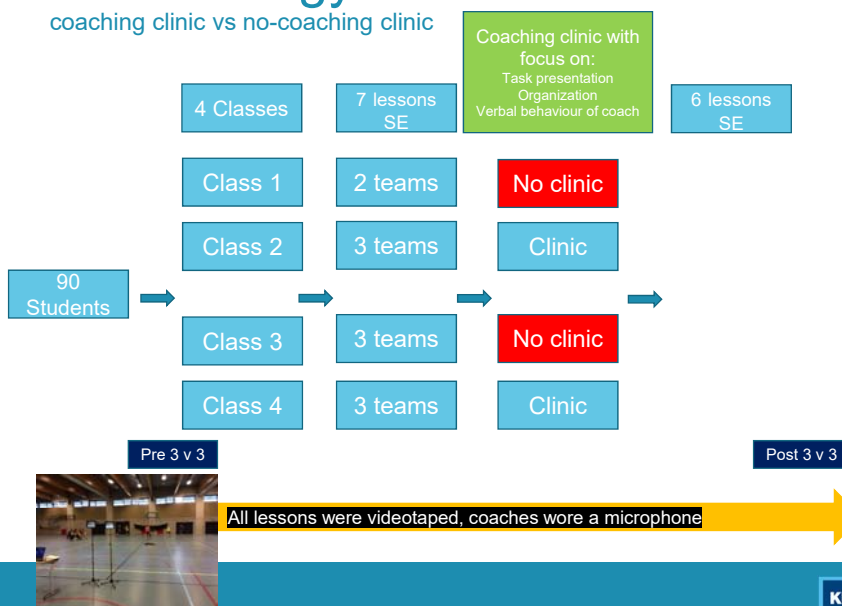
Research questions

What's the effect of a coaching clinic on the behaviour of a teamcoach and the learning outcome of students?

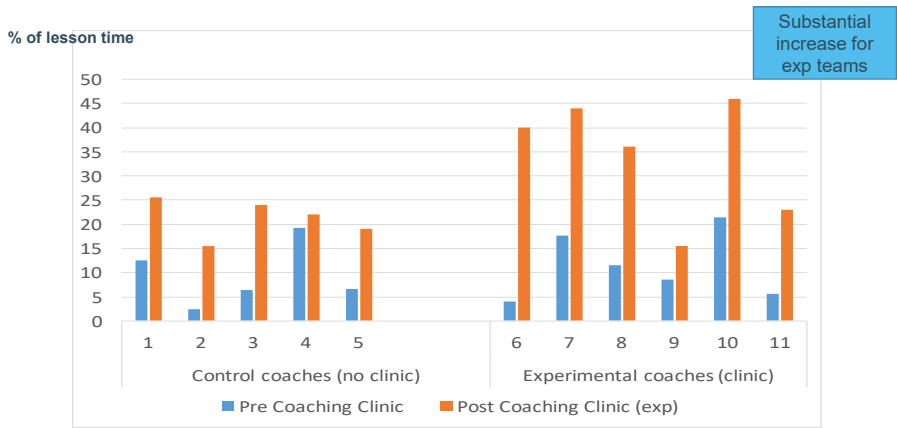
- Is there any difference in coaching behaviour of the teamcoach after the coaching clinic?
- Is there an improvement in game performance in 3v3 for the teams who followed the coaching clinic?

Methodology

coaching clinic vs no-coaching clinic

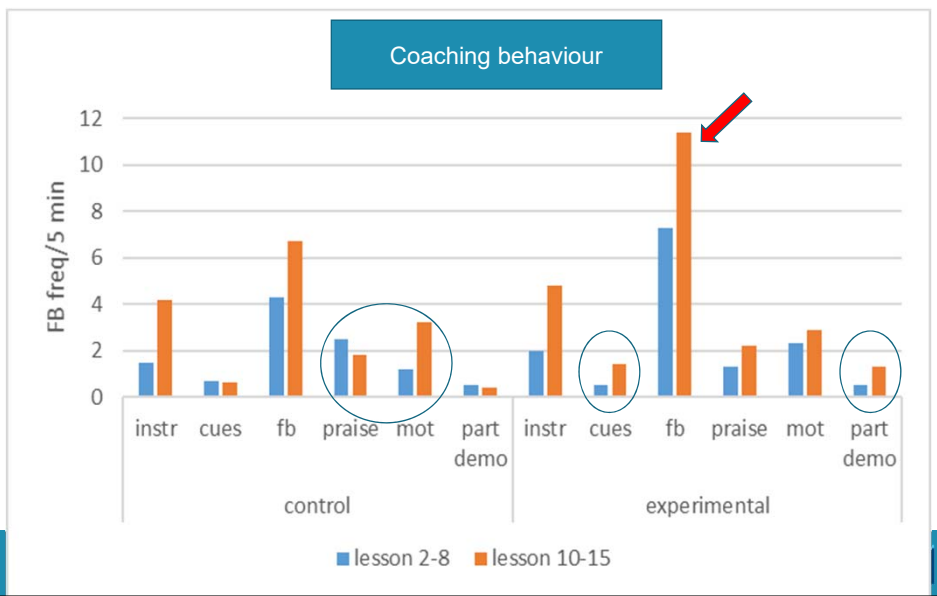


Variability in coaching behaviour

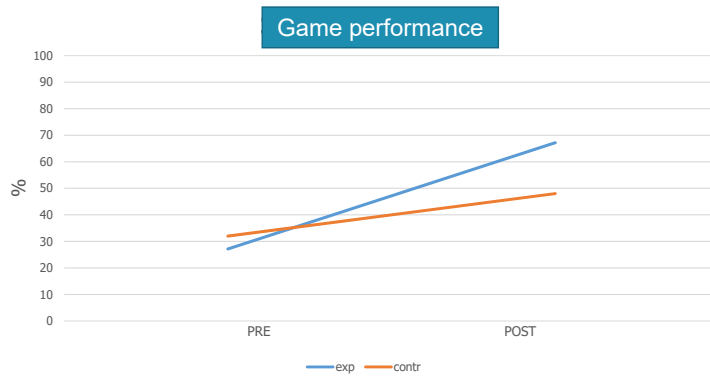


Coaching behaviour ranged between 2% and 19% of total lesson time before coaching clinic and between 16% and 46% after coaching clinic

Quality of coaching behaviour



Effect of coaching clinic on game performance of 3 v 3



No significant differences in pretest 3 v 3 between teams
 All teams improve their skills in 3 v 3 significantly ($p < 0,1$)
 Experimental teams perform significantly better than control teams ($p < 0,1$)

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Conclusions

Significantly higher learning outcomes for experimental teams, due to better:

didactical knowledge of the teamcoach in the experimental teams



More effective coaching behaviour of experimental coaches (higher provision of feedback, cueing, demonstrating) ($p < 0,1$)



Significant higher game performance in experimental teams ($p < 0,1$)

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Perspectives

Further research could investigate the impact of coaches' content knowledge to improve team performance

This year:

- Coach who rotates every 2 weeks within a team
- Coach has to study the lesson plan before + check with a quiz
- More focus on specific content knowledge

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Questions



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