Active Learning Observation Networks
Visualizations, analyses and relations to didactic theory
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1. From observation protocols to network maps

Two cameras/classroom set up by teacher

Video recording
Coding scheme
Network transformation

Selected Literature

2. Network maps reveal differences in implemented lesson structure

Teacher 1
Student-driven inquiry

Teacher 2
Teacher-driven classroom dialogue

3. Models for active learning in the sciences (based on Lombardi et al 2021 [5])

Teachers in Denmark do not recognize simplified transmissive models [5], but not all subscribe to inquiry-style active learning. “Directed Learning” may be an alternative.

Content of Science
Actors in a Formal Educational Context

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Selected Literature