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5 **Supplementary File**

6 *Topics for expert interviews*

7 More specific interview questions are tailored to each participant's expert profile in consultation with the  
8 interviewee. Above all, the interview aims to be conversational.

9 General interview topics:

10 A general view on datafication. In this study, we are interested in datafication. By datafication we mean the  
11 production, collection and use of digital data as part of the normal school day, and the wider administrative,  
12 educational technology and policy aspects involved. We are interested in your views on datafication and any  
13 other related developments.

14 Competence needs. We are interested in hearing your views on datafication-related competences. Do you  
15 think there is any knowledge or skills that people (e.g. students, education professionals) should have?

16 Current situation in schools. We are interested to hear your views on the current state of datafication. This  
17 can be considered at different levels (e.g. classroom teaching, administration, education policy or educational  
18 technology).

19 Background to the current situation. We are interested in your views on how we have arrived at this situation:  
20 what possible factors or issues you identify as underlying the current situation of datafication.

21 Assessment of the current situation. We are interested to hear your assessment of the potential benefits or  
22 problems of school datafication. This could be considered at different levels (e.g. classroom management,  
23 administration, education policy or educational technology).

24 The future. We are interested to hear your views on future scenarios for datafication and the issues that affect  
25 them.

26 A free word. You are free to add your own perspective to the interview.