



**University of
Zurich** ^{UZH}

Institute for Educational Evaluation
Associated Institute at the University of Zurich

Swiss Educational Data Symposium: Checks in Bildungsraum Nordwestschweiz (BR NWCH)

Nina König

Institute for Educational Evaluation, Associated Institute at the University of Zurich

December 09, 2021



Agenda

1. Checks in Bildungsraum Nordwestschweiz
2. Research Data
3. Re-Use Potential
4. Q&A



**University of
Zurich** ^{UZH}

**Institute for Educational Evaluation
Associated Institute at the University of Zurich**

1. Checks in Bildungsraum Nordwestschweiz (BR NWCH)






Checks in BR NWCH



Multi-Stage-Tests

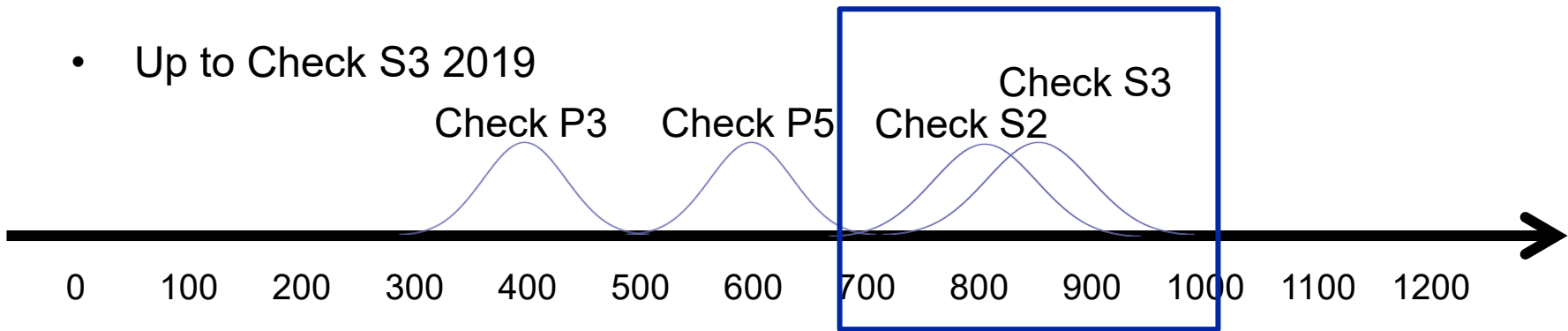
	Check P3	Check P5
German	✓	✓
English		(✓)
French		(✓)
Mathematics	✓	✓
Sciences		(✓)

	Check S2/Check S3
German	✓ 
English	✓ 
French	✓ 
Mathematics	✓
Sciences	✓

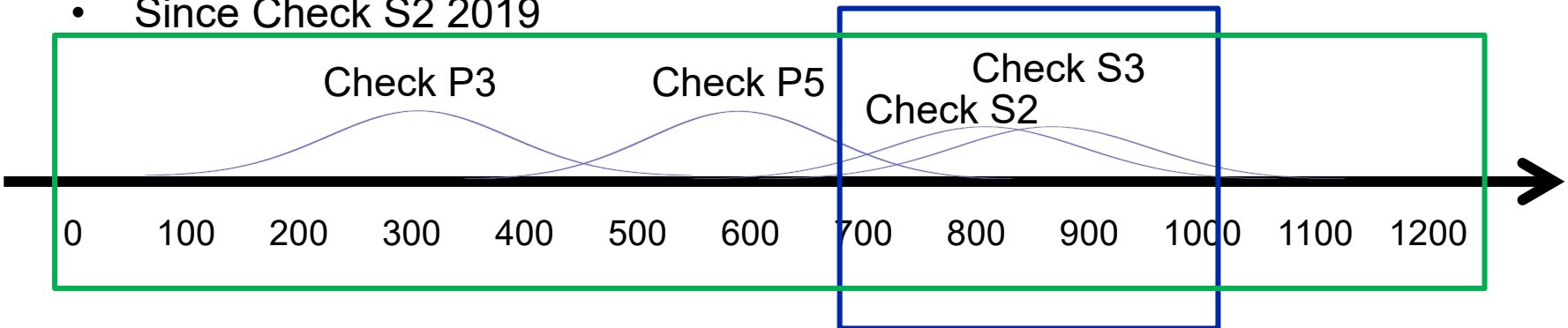


Checks – Reporting Scale

- Up to Check S3 2019

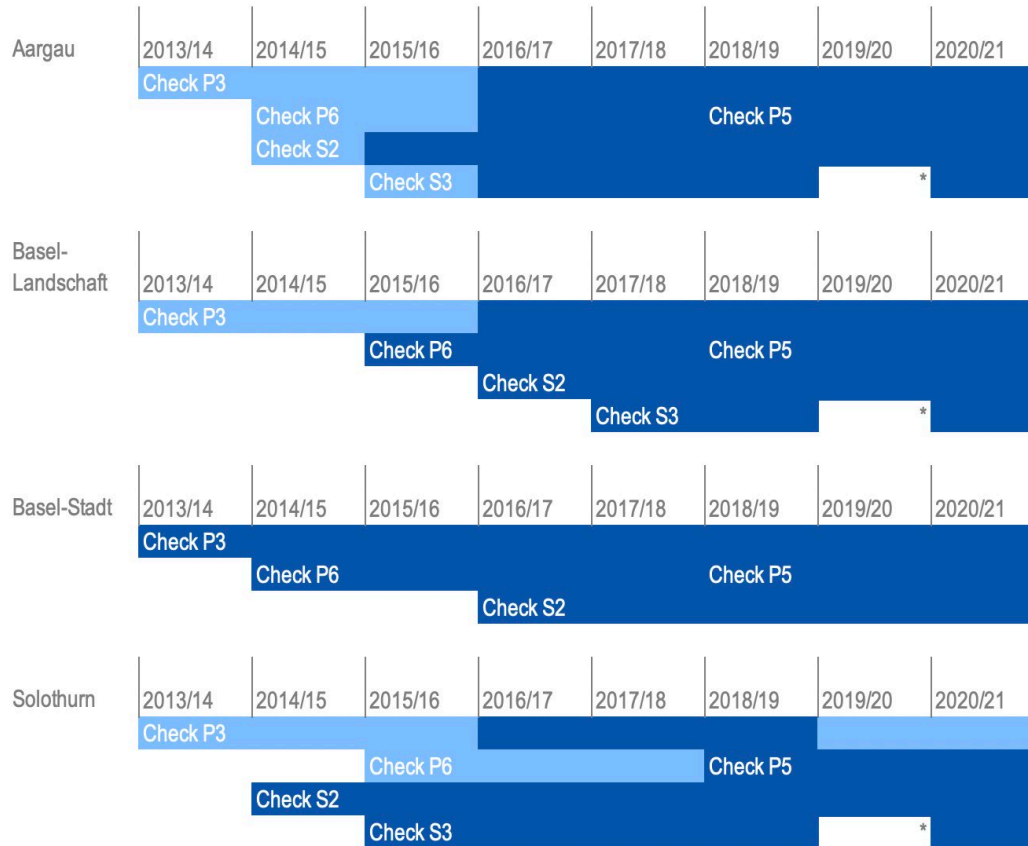


- Since Check S2 2019





Checks in BR NWCH – Implementation



voluntary
mandatory

* cancellation due to coronavirus pandemic



**University of
Zurich** ^{UZH}

**Institute for Educational Evaluation
Associated Institute at the University of Zurich**

2. Research Data





Available Data (1/2)

- One pseudonymised dataset for each Check (CSV, SAV, RDS)
- Student information
 - Affiliations: Canton, school (pseudonymised), class (pseudonymised)
 - Individual learning goals
 - Gender, German as first language, birth month
 - School type
 - AHV hash (generated by ESS)

Allows for linking with other data



Available Data (2/2)

- Student performance results
 - WLE, SE(WLE)
 - Point score
 - Percentiles
- Items administered
 - Item response **No item content**
 - Scored item response (0/1)
- Writing (and speaking) tasks
 - Points obtained for criterion **No topics / questions**



**University of
Zurich** ^{UZH}

**Institute for Educational Evaluation
Associated Institute at the University of Zurich**

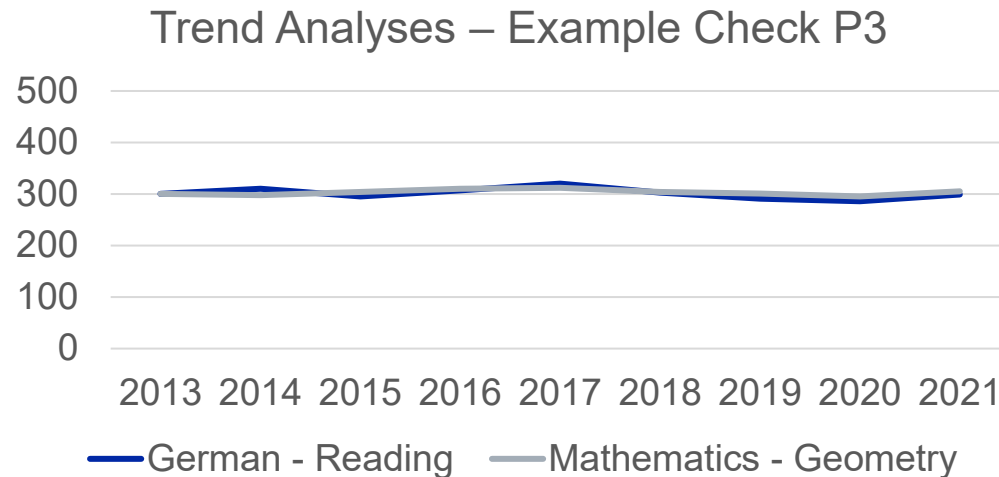
3. Re-Use Potential





Educational Monitoring (1/2)

- Trend analyses

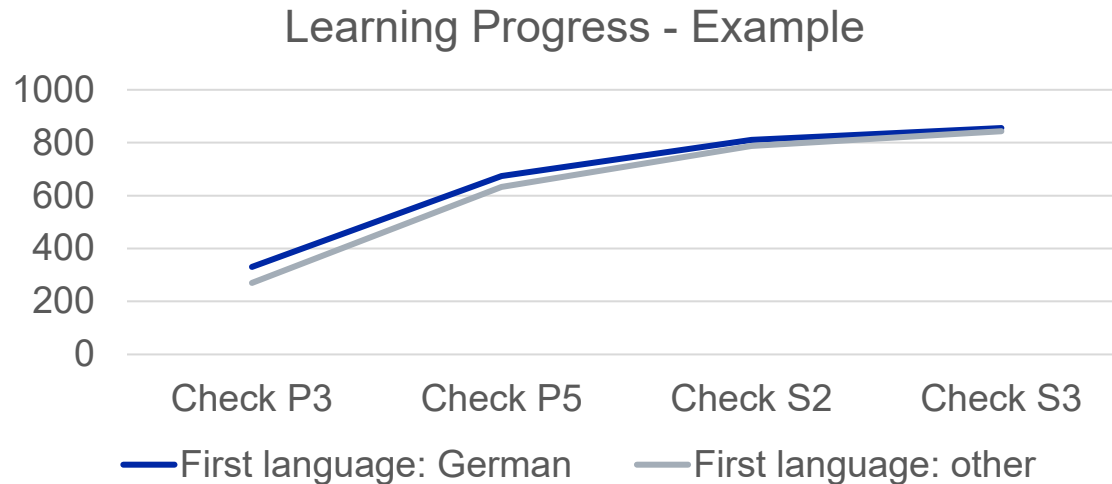


- Differentiation according to subgroups based on gender, first language etc.
- Linking with other data sources based on AHV hash



Educational Monitoring (2/2)

- Analyses of learning progress (linking of individual student results)

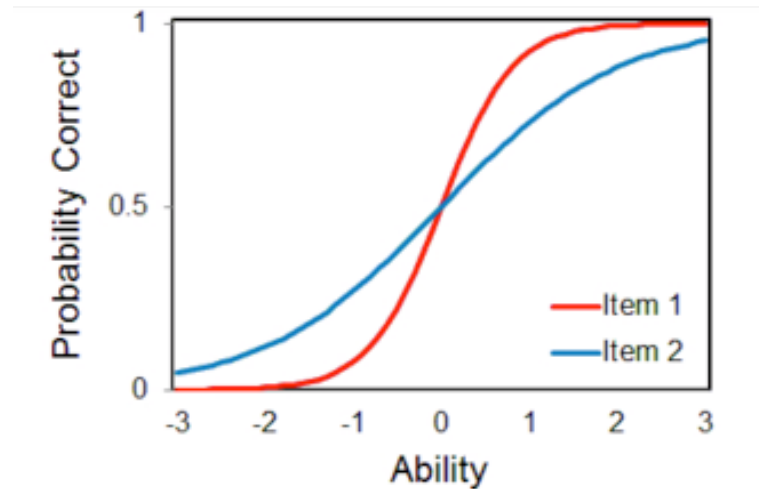


- Differentiation according to subgroups based on gender, first language etc.
- Linking with other data sources based on AHV hash



Item Analysis

- Differentiation between multiple-choice and non-multiple-choice items



→ Detailed information about test design and item content upon request



**University of
Zurich** ^{UZH}

**Institute for Educational Evaluation
Associated Institute at the University of Zurich**

4. Q&A

nina.koenig@ibe.uzh.ch

check@ibe.uzh.ch