



A new automated school feedback system

- ✓ Fully **automated** system for **school feedback**
- ✓ On **learning gains** & school's **value added (VA)**

Tests

- ✓ IRT-calibrated
- ✓ Provided by CSF or clients (open platform)

Student background

- ✓ SES-indicator based on
 - ✓ Mother's educational level
 - ✓ Eligible for school allowance (= lowest income quartile)
- ✓ Home language

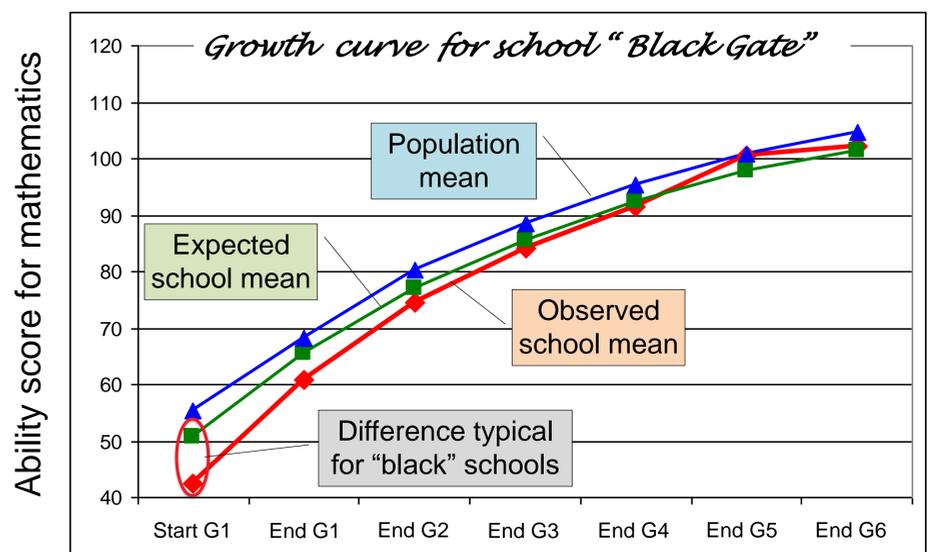
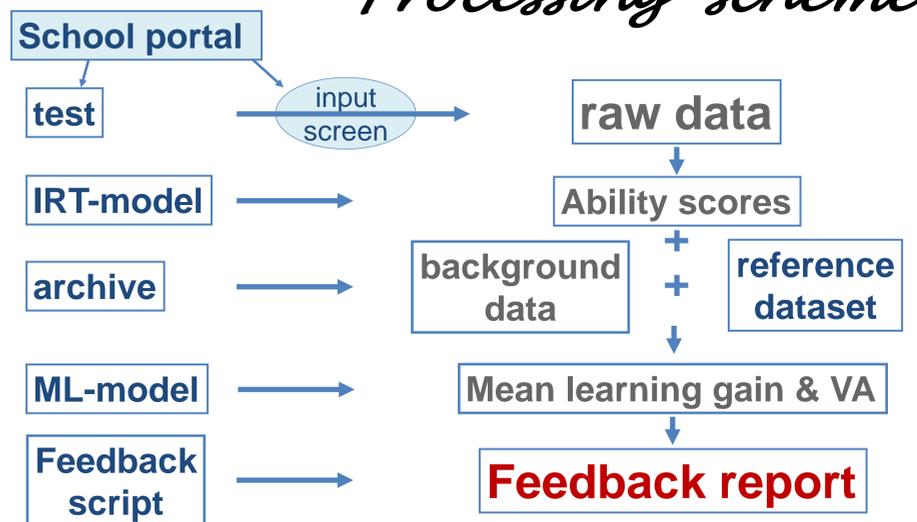
Processing

- ✓ Use of reference datasets
- ✓ Multilevel models

Feedback reports

- ✓ Content
 - ✓ Who did / *did not* participate?
 - ✓ Group/school level results
 - ✓ Individual student scores
- ✓ Presentation
 - ✓ Graphs (growth curves, caterpillar plots)
 - ✓ Tables
 - ✓ Conclusions in **text**

Processing scheme



	start	G1	G2	G3	G4	G5	G6
Observed	42	61	74	84	91	101	102
Learning gain		19	13	10	7	10	1
Expected	51	66	77	86	92	98	101
Learning gain		15	11	9	6	6	3
Value Added		4	2	1	1	4	-2
Population	55	68	80	88	95	101	105
Learning gain		13	12	8	7	6	4

Value added = observed mean – expected mean

In six school years "Black Gate" produces an average learning gain for which other schools with similar populations would need almost two more years. In doing so "Black Gate" manages to close the initial math achievement gap.