

numbers

signifiWrong?

data

Jack Marwood

**What if
everything you knew
about education data
was Wrong?**





If you torture data
sufficiently, it will confess
to almost anything.

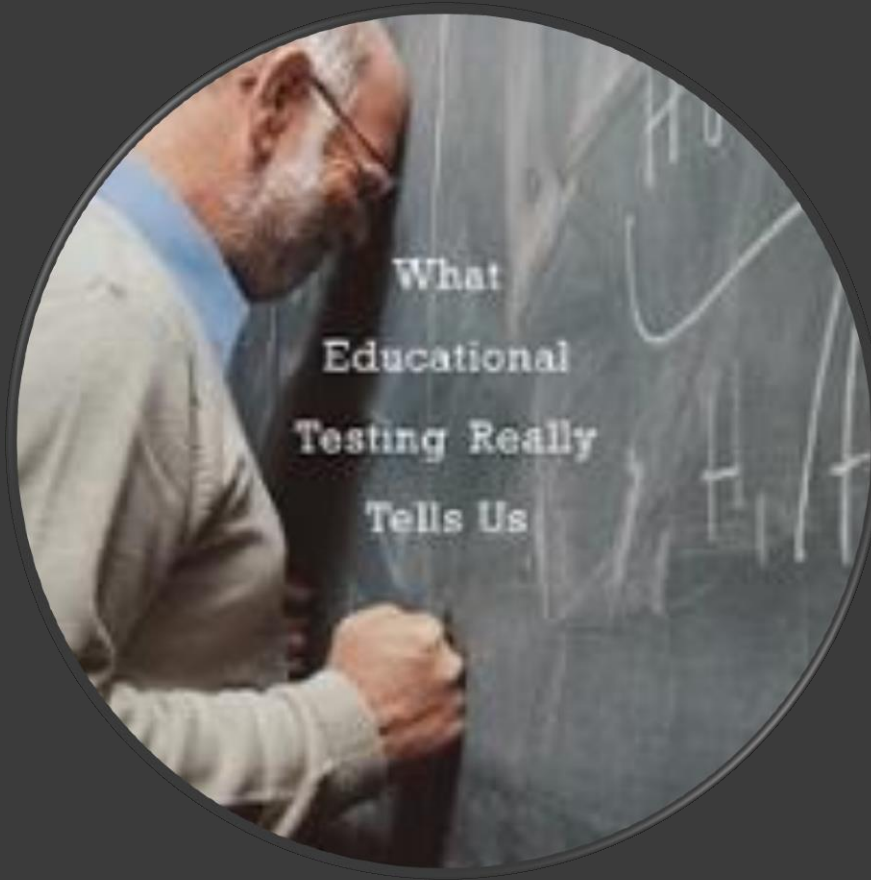
Fred Menger

What if we are wrong about education data?

- ⦿ How much Education data is actually Cargo Cult Data?
- ⦿ What should teachers should know about psychometrics?
- ⦿ What should teachers know about data?
- ⦿ What should we be doing?



How much
education data is
actually Cargo
Cult Data?



What should
teachers know
about
psychometrics?



What should
teachers know
about data?

June, Heathrow

Year	Max	Min	Rainfall	Sunshine Hours
2013	20.3	11.2	11.6	157.5
2012	19.4	11.6	110.8	118.5
2011	20.7	11.0	84.0	173.5
2010	23.5	12.1	12.4	220.1
2009	22.4	12.2	34.0	192.8
2008	20.8	11.9	45.6	201.9

Seaside Primary

Percentages of children achieving level 4 or above in reading, writing and maths.

2013: 77%

2012: 70%

2011: 58%

2010: 69%

2009: 77%

2008: 76%



What should we
be doing?

What if we are wrong?

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