

HILDA 2018 PANEL STATEMENT

MODELS MATTER

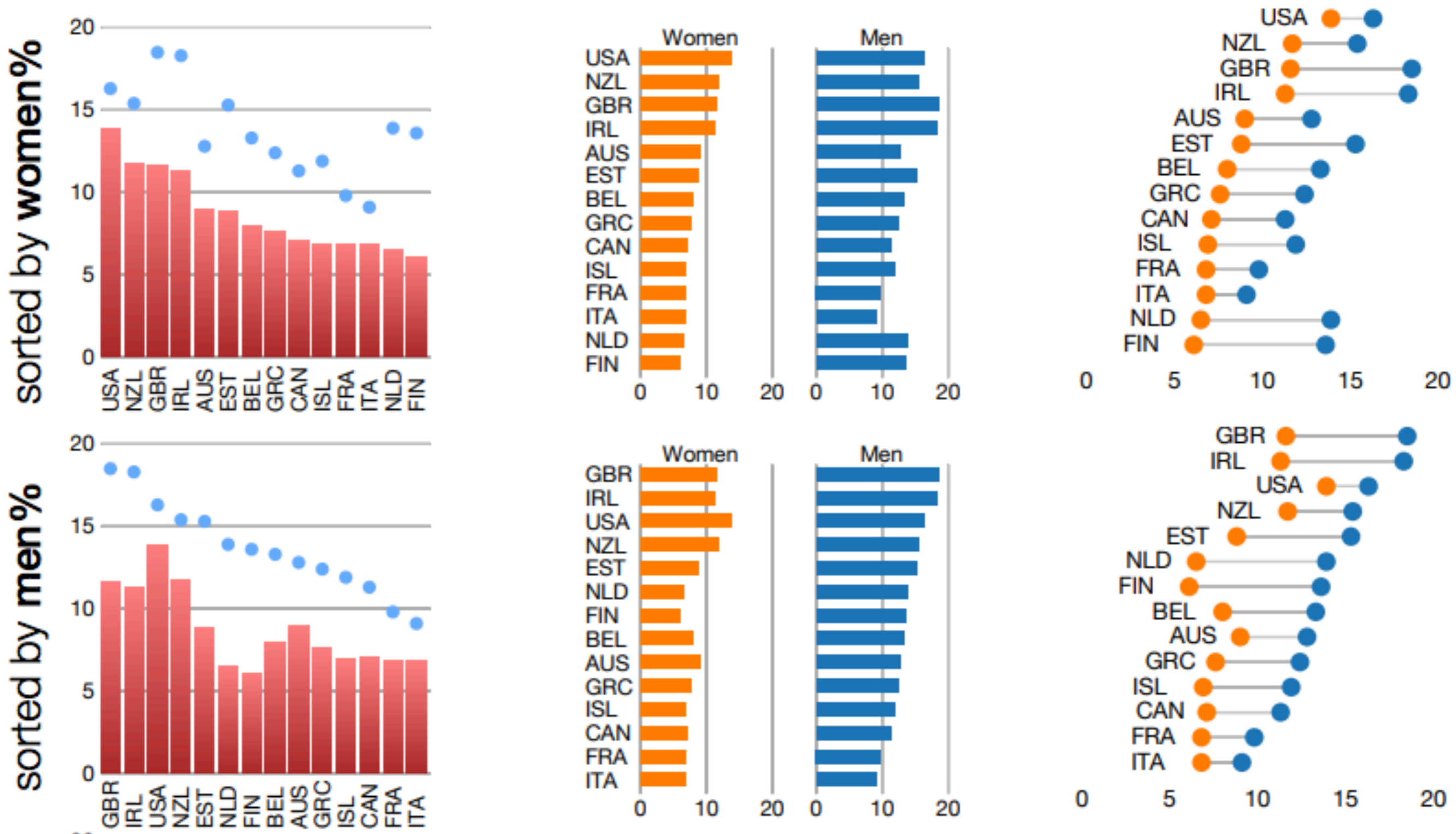
CARLOS SCHEIDEGGER, ARIZONA

VISUALIZATION IS STILL IN THE PRE-CODD ERA

- ▶ We have not agreed on a model of a what a visualization *is!*
- ▶ “All models are bad, but some are useful”
 - ▶ are we so paralyzed by the former clause that we’re blind to the latter?

WHY IS VISUALIZATION STILL IN THE PRE-CODD ERA?

- ▶ “free” first-order logic is not a particularly good model for a visualization
- ▶ Visualizations have more structure: symmetries, metrics, etc



20

15

10

5

0

0

5

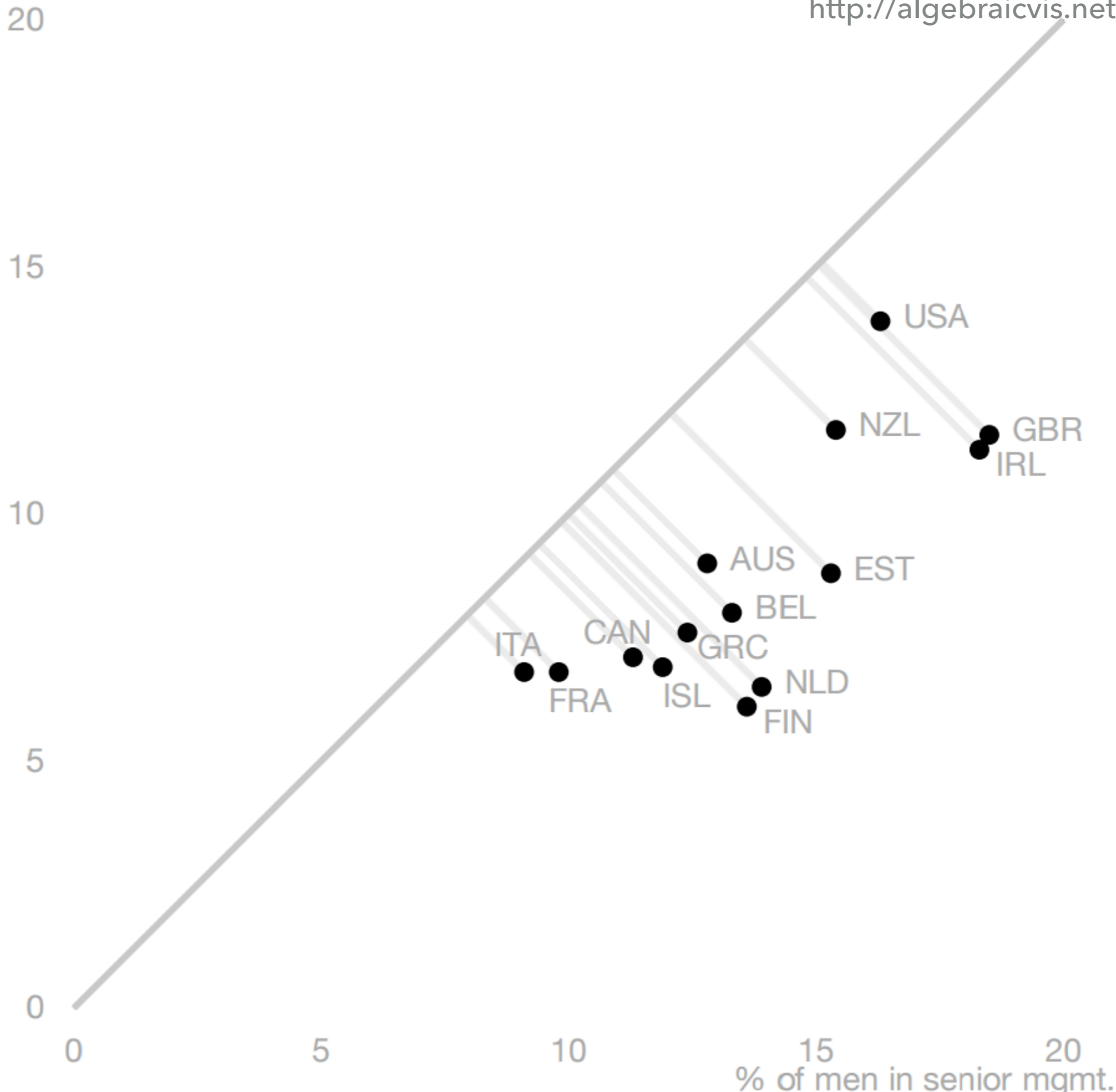
10

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% of men in senior mgmt.





LET'S MAKE VIS MORE LIKE DATA MANAGEMENT

- ▶ Here's a tiny, clearly ridiculous target: can we create a semantics for a minimal fragment of SVG so that we can teach a static analyzer about Cleveland and McGill's perception laws?

THANK YOU

- ▶ @scheidegger
- ▶ <https://cscheid.net>