

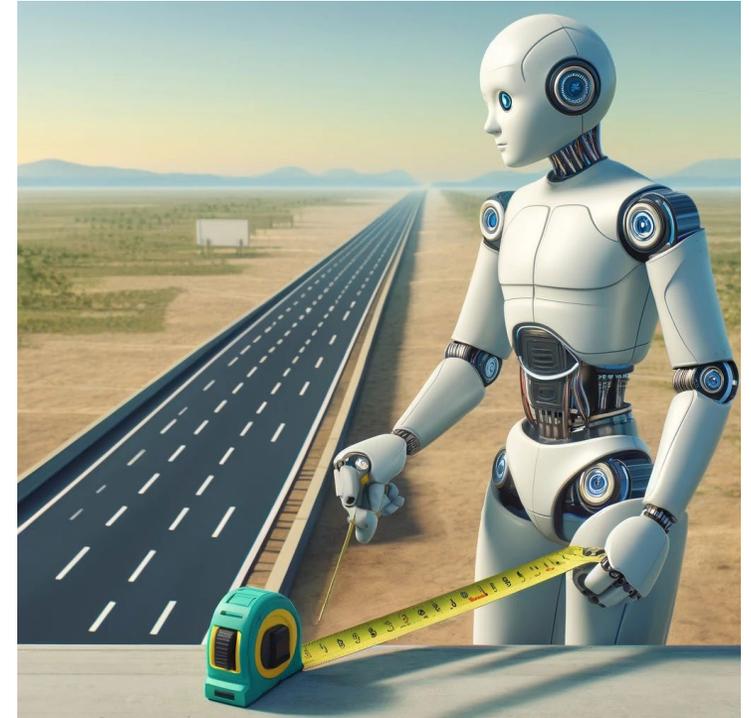
**DAVID
ATKINS, PHD**

TECH CORNER

How to be an Informed AI Crisis Care Consumer
Part 2: Key ingredients in AI quality



AI tools have the promise of scaling up routine human evaluation...



IF the AI tools demonstrate they are:

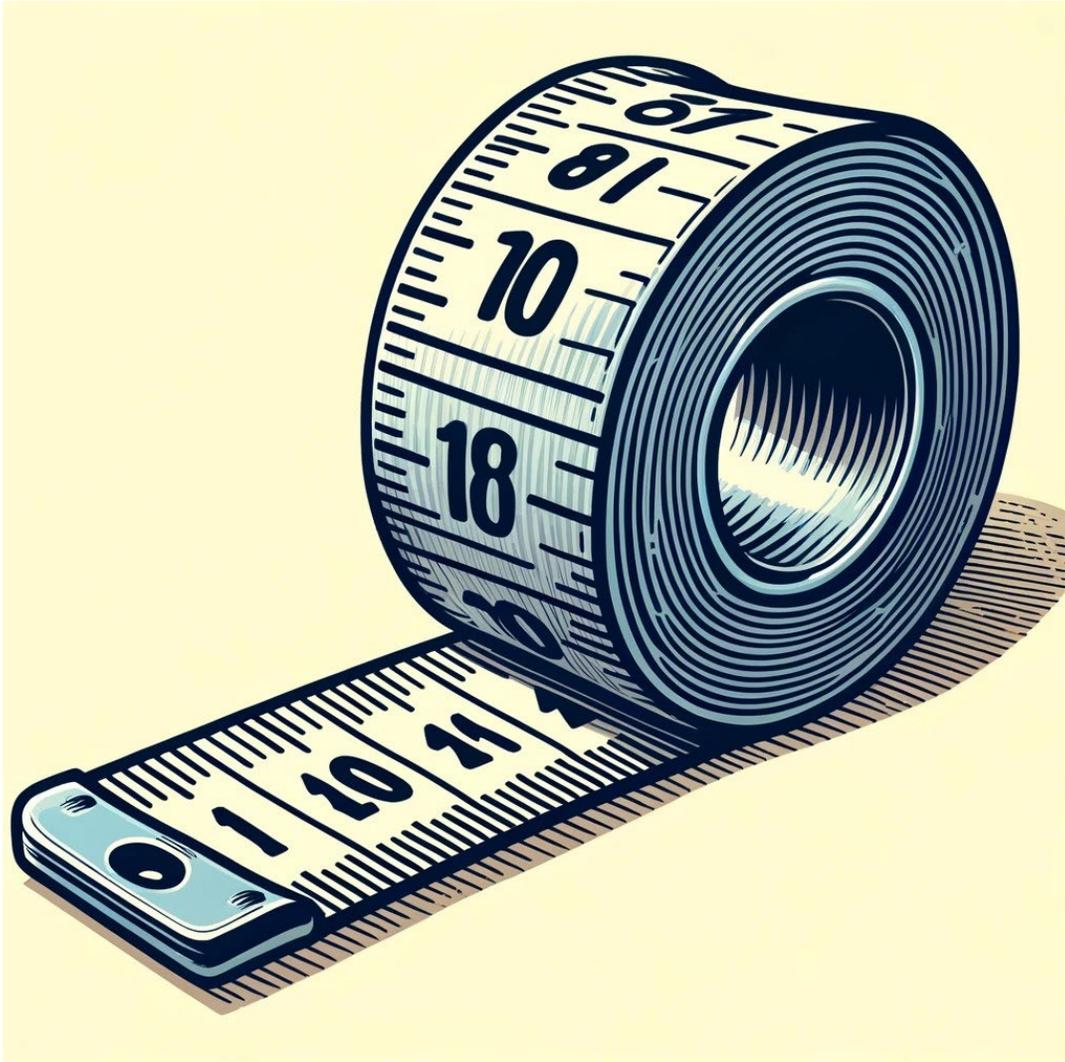
1) Valid: Does it measure something real?

2) Accurate: Does it measure it well?

3) Unbiased: Does it measure it consistently for all?



1) Is the AI based on an established, valid evaluation tool?



Basic point: AI should replicate expert, human judgment.

Question: What is the expert judgment that your AI trained on?

- **Good:** Clinically validated evaluation tool
- **Less good:** Our team of experts
- **Not good:** ChatGPT just did it for us

2) How accurate are the AI models?

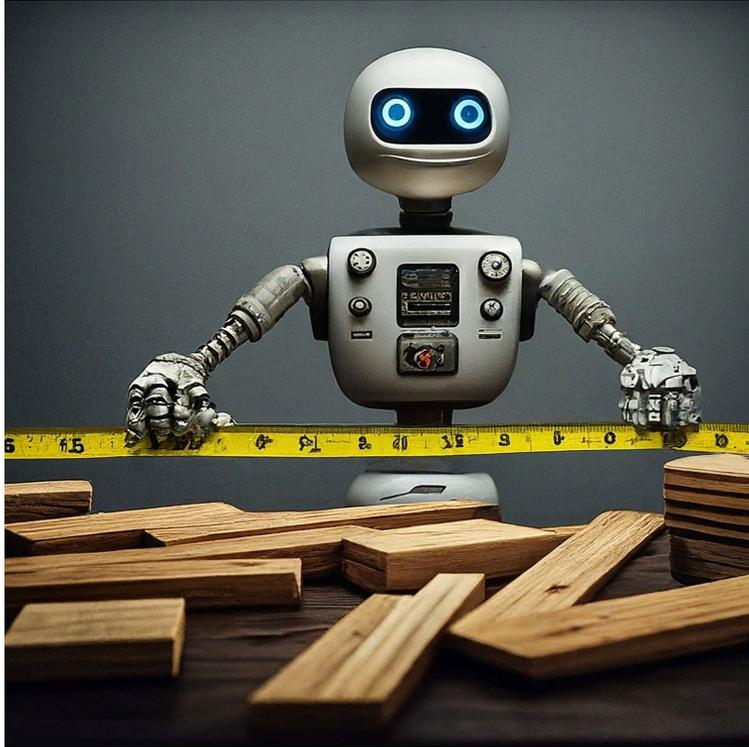


Basic point: AI developers should be transparent about the accuracy of their models.

Questions:

- How much data were models trained on?
- How accurate are the models (on 'test data')?
- [gold star] Are there published results for the models?

3) Have the AI models been scrutinized for potential bias?



Basic point: AI models will replicate – at scale! – any biases in their training data.

Questions:

- How diverse and representative is the training data?
- Have AI models been scrutinized specifically for potential bias?

High quality AI tools are... Valid, Accurate, and Unbiased

Series: How to be an Informed AI Crisis Care Consumer

What even *IS* AI and what's not?

May 15

Key ingredients in AI quality

June 5

What is generative AI?

July 3

Guest: Zac Imel, PhD

Use cases for AI in crisis care

Aug 7

