

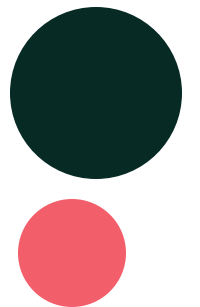


From Structured Data to Usable Data: Bridging the Gap in iXBRL Reporting

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02

“If you can’t beat them, join them.”



AI likes XBRL

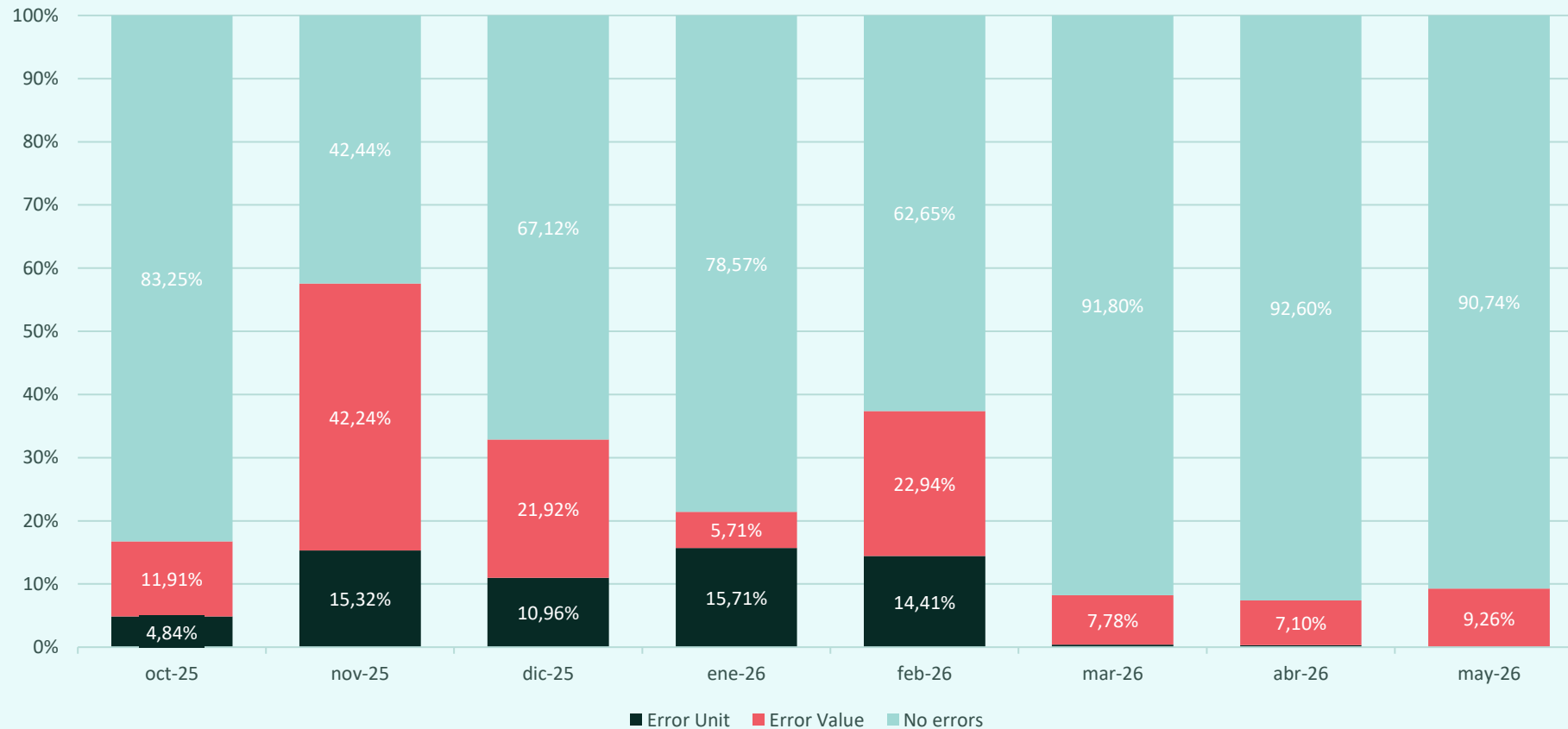
- 1 XBRL-based reporting reduces the AI error rate.
 - PDF/plain text < XHTML < iXBRL*
- 2 Block tagging < detailed tagging => notes < financial statements
- 3 AI struggles more with reports from large firms than with reports from « small » firms.*

**Can AI be trusted with financial data?* Marcelo Farr, William C. Johnson, Ariel Markelevich, Alexis Montecinos, September 2025. Conducted research on detailed tagged reports in the US.

AI is moving fast

Quality of Extracted Financial Data Outside Primary Financial Statements

1
2
3

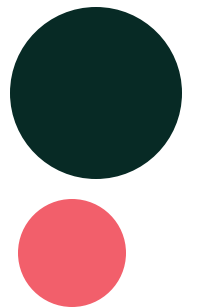


AI is moving really fast

- 1 These error rates are around 15%.*
- 2 One year ago, LLMs were not reliable enough to analyze any kind of report. That is no longer true today.
- 3 Hallucination is decreasing and AI abstention is declining, especially with XBRL.*
- 4 Latest findings: firms make their financial statements easier to parse for electronic processing*

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06 « Last night XBRL saved my life »



07

Who benefits from ESEF?

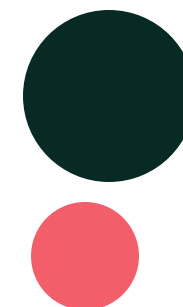
Reduce errors through XBRL controls: efforts on rounding, null value display, table display, questions about images, and thinking about how information should be transmitted.

Report quality is improving, raising questions we had not even considered in the past.

“When a URD gives you stock tips, it’s time to get out of the market.”

08

“A lie can travel halfway around the world while the truth is still putting on its shoes.”



09

Timing is key

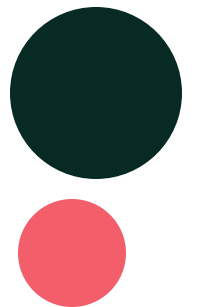
- 1 Professional investors' valuation takes place when results are published, not when the URD is published.
- 2 One tagged report a year brings limited value for investors.

Accessibility is key.

Annual reports published online in HTML were cited as sources by ChatGPT three times more frequently than PDF annual reports, and PDF also leads to a substantially higher reliance on external sources (x2.7 more external citations).*

Investors like data availability, AI likes accuracy (and indirectly accessibility).

11 **It takes two to tango.**



What can XBRL bring to the table?

01

XBRL brings accuracy.

02

XBRL is not expensive.

03

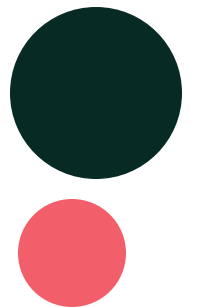
XBRL is low code.

04

XBRL is an open standard.

13

**“Strike while the digital reporting
is hot”**



What's next?

XBRL for CSRD: will XBRL
be useful for investors?
Nobody knows.

Is XBRL useful today to
anticipate tomorrow?
Definitely.

**Think about where we
have to dedicate our
energy to designing the
reports of tomorrow.**

What's next?

01

Insist on data availability, especially with issuers.

02

Detail-tag every figure and forget about block tagging.

03

Make annual reports shorter, but more structured?

04

Simplify certain guidance (e.g. presentation linkbase requirements for non-arithmetic relationships), while reinforcing key best practices?

What's next?

“having a ~~place~~ reports like ~~Europe~~ ESEF, which sometimes is too slow, for sure, and needs to be reformed for sure, but which is predictable, loyal and when, well, you know that the rule of the game is just a rule of law, it's a good ~~place~~ report ”

