

Welcome to Reproducibility Quest: The search for reliable outcomes

(Ensuring Computational and Scientific Reproducibility in R&D) 🤪

A **game** by Global Biological Data Analytics, Syngenta R&D
Ricardo Kanitz

Sarah Mayor, Elisa Cavoto, Mladen Cucak, Anne Reid, Fernando Santa, Radek Panczak



what is this about?

- This is NOT about: SageMaker, Dataiku, Databricks, Containers, or even genAI. We're not even talking about technology.
- Today, we will simply play a game 😊

Your task

Coffee! Let's explore coffee consumption habits in a completely real made-up data set.

age <i>(double)</i>	gender <i>(character)</i>	location <i>(character)</i>	cups_per_day <i>(double)</i>	brewing_method <i>(character)</i>	coffee_type <i>(character)</i>	spend_per_week <i>(double)</i>	roast_preference <i>(character)</i>	milk_preference <i>(character)</i>	sugar_preference <i>(character)</i>	main_reason <i>(character)</i>	expertise_level <i>(character)</i>
47	Male	Urban	2	Pour over	Latte	NA	Light	Alternative milk	A lot	Taste	Advanced
37	Male	Urban	4	Other	Cappuccino	44.86	Medium	Alternative milk	A lot	Social habit	Expert
49	Female	Suburban	1	French press	Black	10.79	Medium	Cream	Moderate	Social habit	Expert
62	Female	Urban	3	Drip	Americano	14.87	Medium	None	A lot	Taste	Beginner
36	Other	Urban	3	Other	Americano	19.74	Medium	Cream	Moderate	Taste	Advanced
36	Male	Urban	4	Instant	Mocha	23.01	Medium	Alternative milk	None	Social habit	Intermediate
63	Male	Urban	NA	Other	Other	13.34	Medium	None	None	Routine/habit	Intermediate

Welcome to Reproducibility Quest:

The Coffee Conundrum



Scan QR Code
to Play

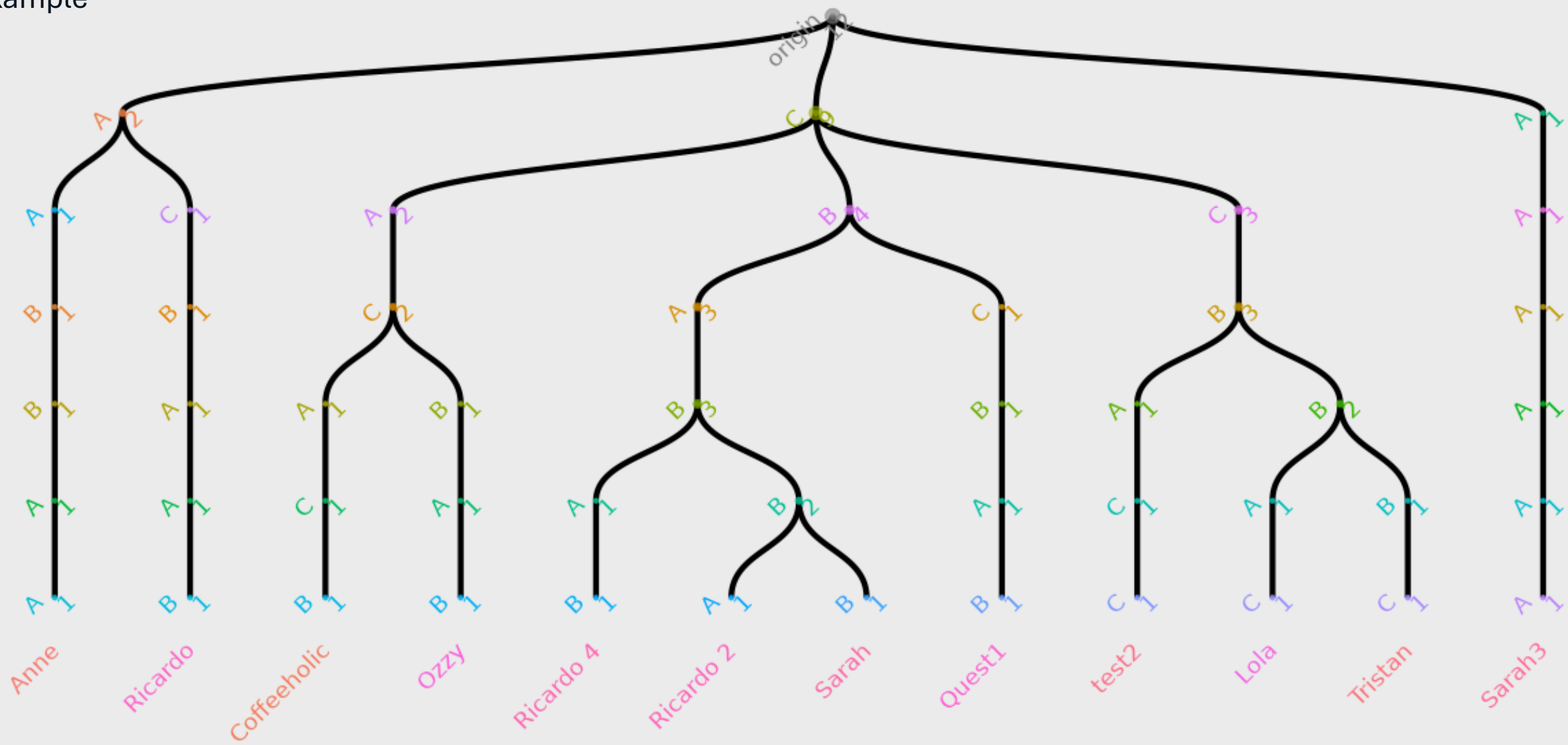


<https://t.ly/iUkw->



Here are your results

Example



Out of 486 possibilities

<https://t.ly/XXdET>



Results link

why track all these details?

Reproducibility as a tool for collaboration

Acknowledgements

