Some possible next steps..../questions

How come the RF in sklearn does so much better than RF in R?

What kind of an analysis would I need in order to feel good using RF preds for the FS?

Is this about accuracy/perfection there or building a pipeline to facilitate widescale testing?

How do I transport the RF prediction algorithm trained from python to results coming out of meteR/roleR?

↳ one could transfer the object

or

a densely (comprehensively) sampled db of predictions, then query that db. (eg. 200 x 20,000 pts to start) (last few cols.)

What kind of test statistic is appropriate? | 5-1-23

Here thinking about fidelity to true FS, and speed.

The fastest possible would be the

$$p(obs\_hill1) \mid N(\text{predicted fs mean h1}, \text{predicted fs sd h1})$$

although you could go thru the exercise of calculating the draws to zscore

and it would be good, @ pilot scale, to test // fs role, yeah?

Where do comparison / "observed" values come from?

→ for speed, METE / FLS.

→ or real...

ultimately, role...

Developing a vsim for a small package that

takes obs_h1, s, n → compares to

FS (via random forest interpolation) →

spits out zscore/p of obs_h1 | s, n

for the feasible set.

I would like to at least know for which regions of sxn the rf interpolation method fails. Tails, OK, but there are also a few sections where it's systematically off.

which I think are when you have a low N/S.