Questions about the previous material?

We covered the MEME method:

which detects episodes of selection and is used as a more sensitive method for estimating diversifying selection.

More on site-level selection

- Three more methods in HyPhy

- Fixed Effects Likelihood **(FEL)**

  - A simpler alternative to MEME (looks for pervasive selection)

  - May be more suited for smaller datasets or datasets of low divergence

- Single Likelihood Ancestor Counting (**SLAC**)

  - A counting-based approach

  - Good for data exploration and visualization

- Fast Unrestricted Bayesian AppRoximation (**FUBAR**)

  - A novel statistical approach for detecting pervasive adaptive evolution on large datasets (scales to 10000s of sequences)