

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 10,000s of sequences)