Questions about the previous material?

We covered the aBSREL method, which detects episodes of selection across branches in a phylogeny.

Detecting Individual Sites Subject to Episodic Diversifying Selection

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- MEME = Best-in-class power

- Able to detect episodes of selection, not just selection on average at a site

- Embarrassingly parallel (farm out each site), so runs reasonably fast

- Sample size is ~sequences, site level rate estimates imprecise

- Cannot estimate which individual branches are subject to selection with any precision

- Does not scale especially well with the number of sequences