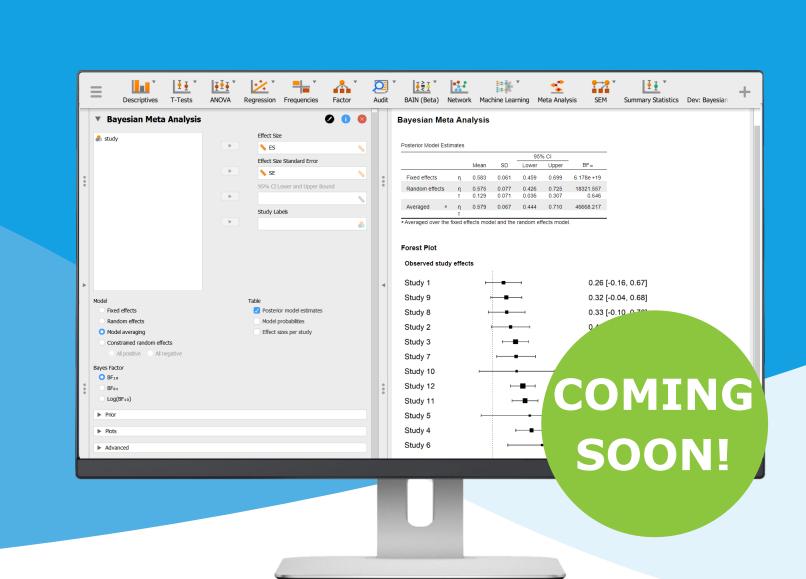


A Tutorial to Do Bayesian Meta-Analysis

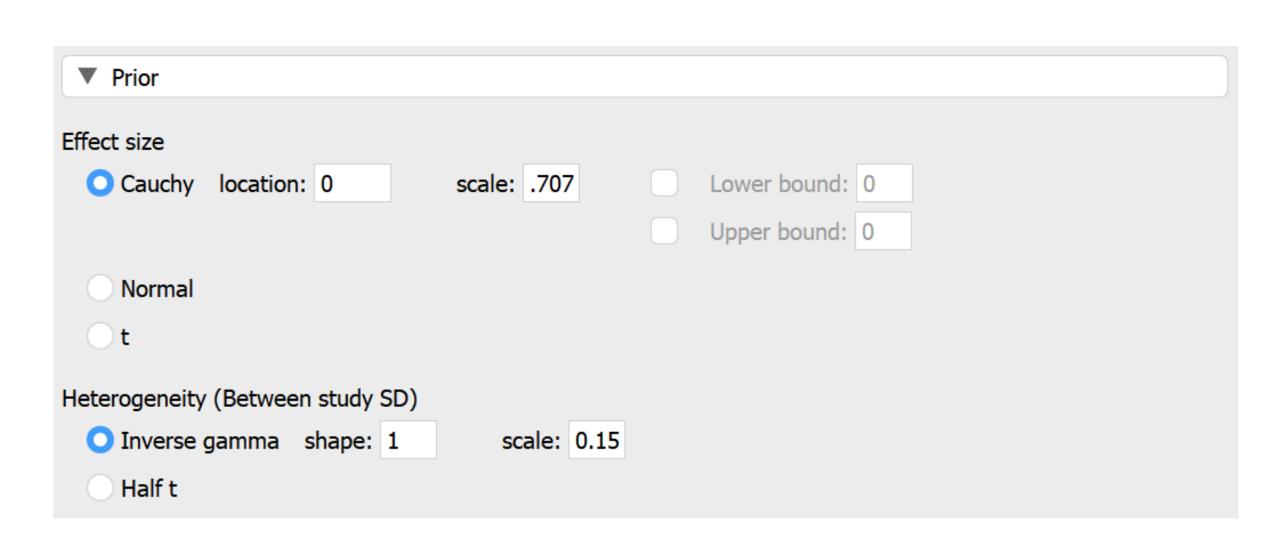
Sophie W. Berkhout

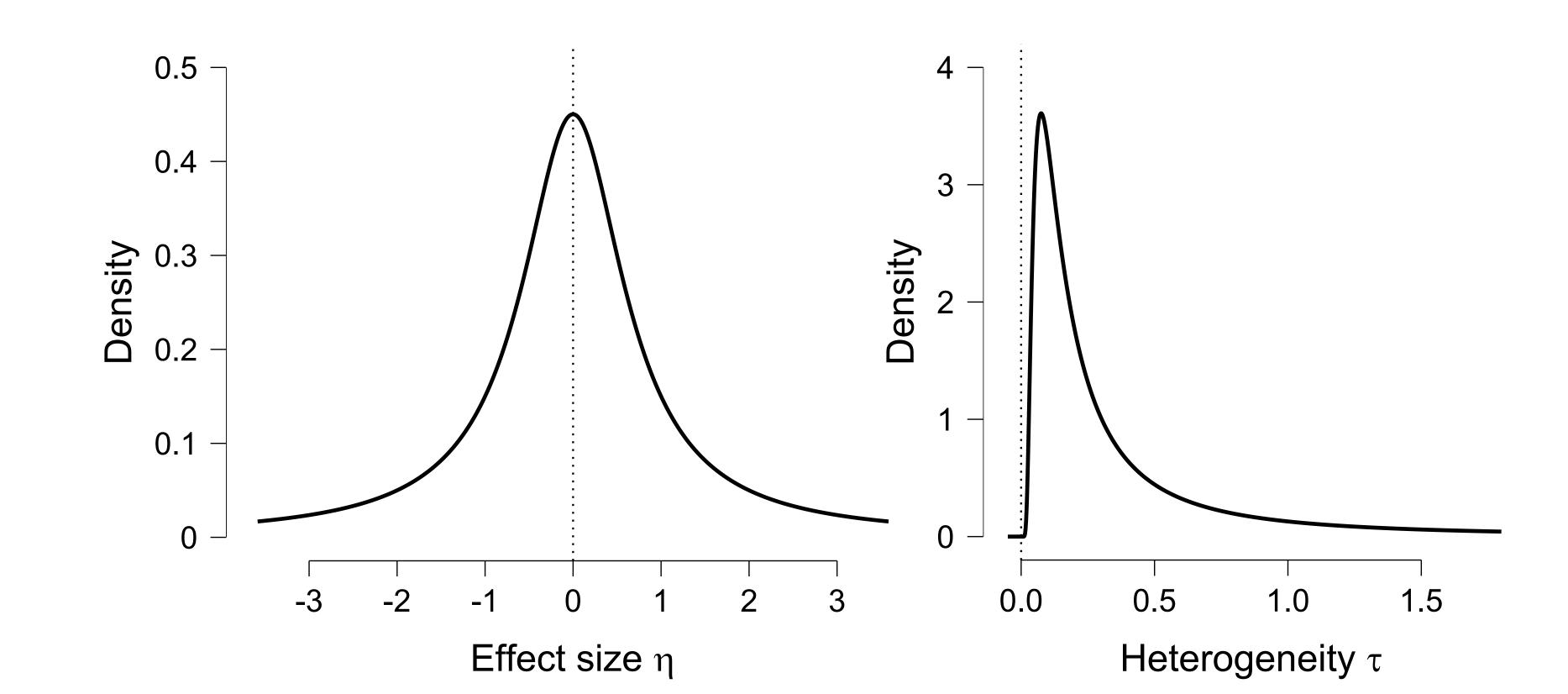


Example:

Does pointing contribute to language development?

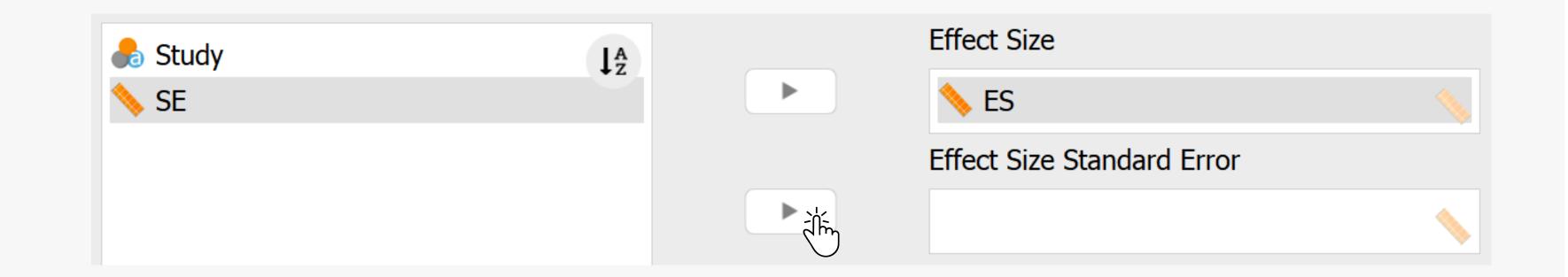
First, pick your priors



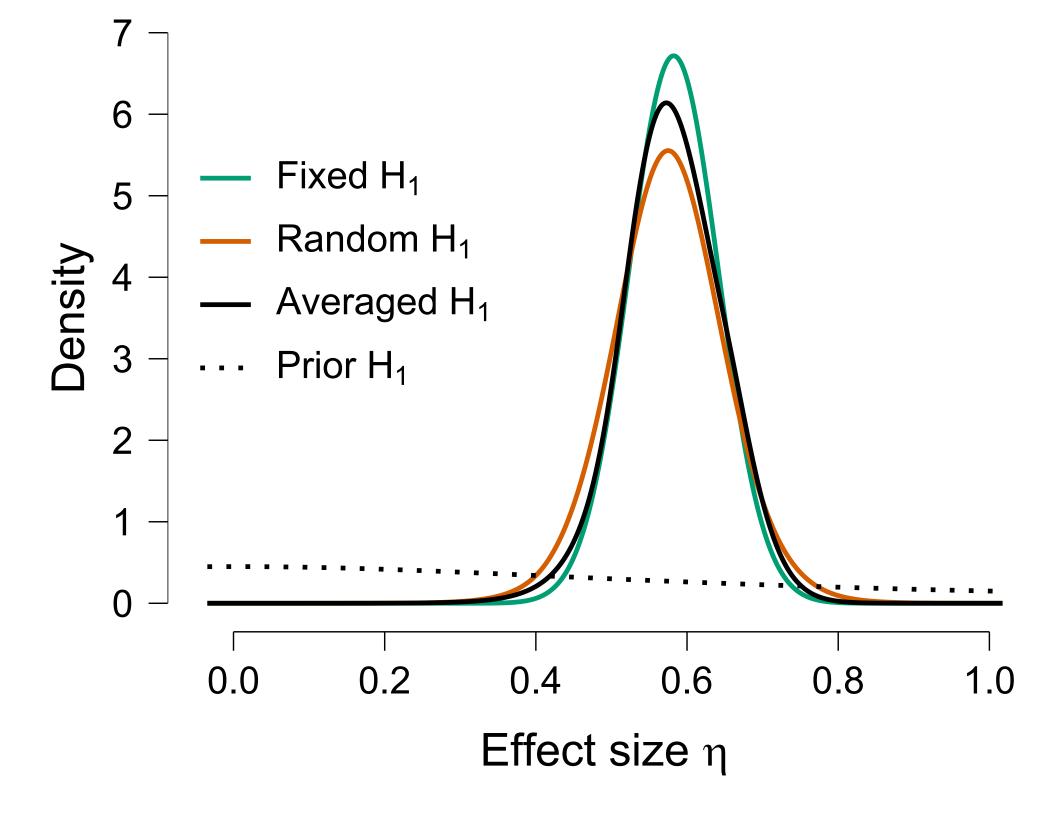


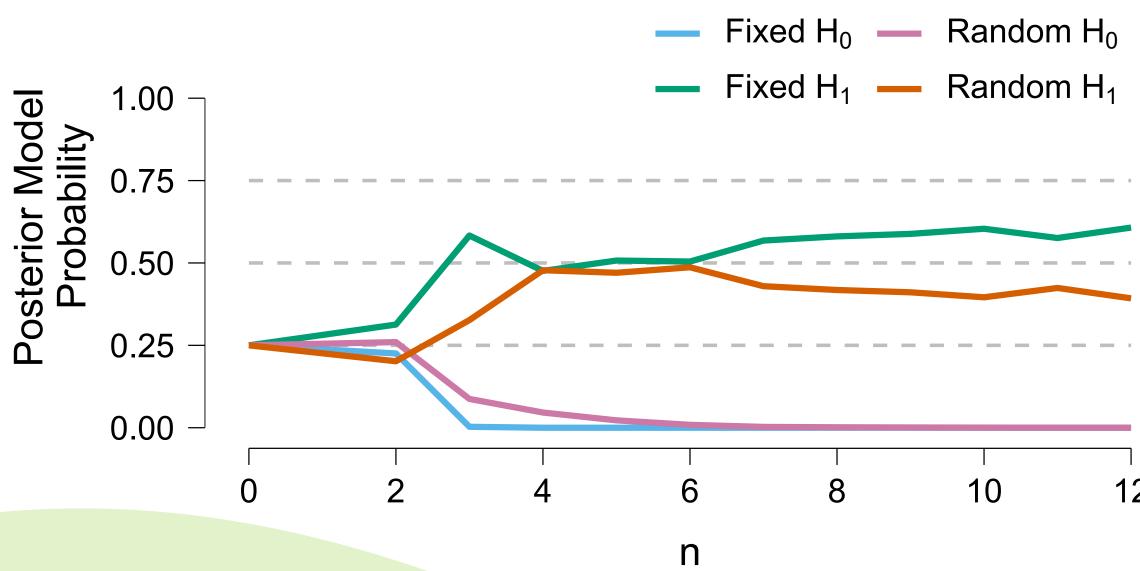
Then, plug in data and select model

- Fixed effects
- Random effects
- Model averaged
- Ordered effects



Finally, admire results





& explore the Bayesian advantages!

See which model/

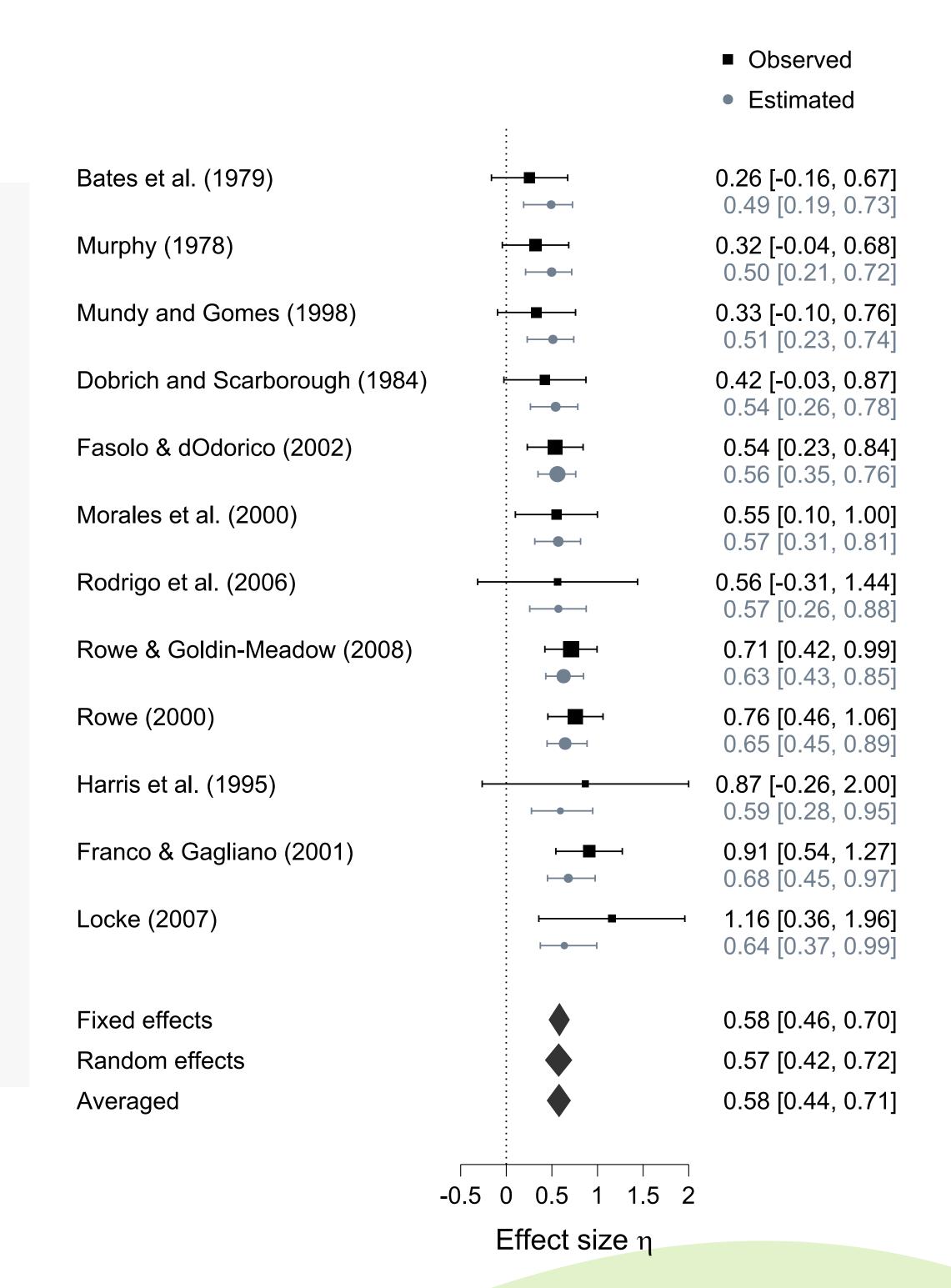
hypothesis is supported by the data

Get Bayesian shrunk

→ estimates for each individual study

Examine how the

evidence develops as more studies are included



Conclusion:

Pointing appears to have a positive effect on learning language.





