Analysing phonological systems: on Bayesian typological research

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Presentation is available here: tinyurl.com/yyj72dta

In this talk I will cover the following:

- goals of the linguistic typology
- different strategies of sampling
- Bayesian way of thinking about the linguistic typology
- Case study: vowels

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 - population movements
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 - language contact
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- deal with a mixed typological value per language



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- From now $\hat{\theta}$ is the best estimation of θ that you know, if you want to convince a mad about statistics editor, add some **confidence** intervals
- After you published your paper project is finished



There are different type of sampling:

Random sampling: pick randomly *n* observations

7000

5250

3500

1750

tota valu

total = 200

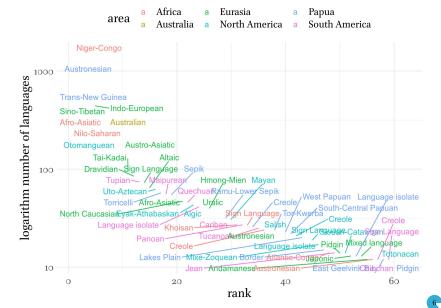
value 1 = 62

 $\theta = 0.235$

total = 7420value 1 = 1891 $\theta = 0.254$



Language families (languages > 10)



Send me a letter! agricolamz@gmail.com

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