

# Title

## Subtitle

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<https://github.com/poliprojects/BNPLib>

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**Infinite-dimensional** parameters, e.g. functions

Model:

$$y_i|G \stackrel{\text{iid}}{\sim} G, \quad i = 1, \dots, n$$

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$\implies$  **BNP model**

Goal: density approximation

# Dirichlet Process prior

$$G \sim DP(MG_0)$$

- Text


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Stuff



# Bibliography

-  Muller, Quintana, *Bayesian Nonparametric Data Analysis*
-  Neal (2000), *Markov Chain Sampling Methods for Dirichlet Process Mixture Models*
-  Ishwaran, James (2001), *Gibbs Sampling Methods for Stick-Breaking Priors*