

# BNPlib for density estimation:

A nonparametric C++ library  
(part 2)

**Bruno Guindani**  
**Elena Zazzetti**

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

# part 1

## part 2

# Bibliography

-  P. Muller, F. A. Quintana, *Bayesian Nonparametric Data Analysis*
-  R. M. Neal (2000), *Markov Chain Sampling Methods for Dirichlet Process Mixture Models*
-  H. Ishwaran, L. F. James (2001), *Gibbs Sampling Methods for Stick-Breaking Priors*
-  K. P. Murphy (2007), *Conjugate Bayesian analysis of the Gaussian distribution*
-  Stan documentation: <http://mc-stan.org/math>.  
Code found at <https://github.com/stan-dev/math> (version 3.0.0 was used) and it also includes other needed libraries: Boost, Eigen, SUNDIALS, Intel TBB
-  Eigen documentation: <https://eigen.tuxfamily.org/dox>.  
Code is included in the Stan package (version 3.3.3 is used there)
-  Protocol Buffers Tutorial for C++: <https://developers.google.com/protocol-buffers/docs/cpptutorial>