$$E[\pi_{s,m}] = \frac{(1-\delta)\prod_{j=0}^{s}(\alpha+\delta(j+1))}{\prod_{j=0}^{s}(\alpha+\delta j+1)}\left(\frac{1}{2}\right)^{s}$$

$$E[\pi_{s}] = \frac{(1-\delta)\prod_{j=0}^{s-1}(\alpha+\delta(j+1))}{\prod_{j=0}^{s}(\alpha+\delta j+1)}$$

$$= \frac{(1-\delta)\delta^{s}\Gamma\left(\frac{\alpha}{\delta}+s+1\right)\Gamma\left(\frac{\alpha}{\delta}+\frac{1}{\delta}\right)}{\delta^{s+1}\Gamma\left(\frac{\alpha}{\delta}+1\right)\Gamma\left(\frac{\alpha}{\delta}+s+\frac{1}{\delta}+1\right)}$$

Bayesian Nonparametrics for complex data

Concluding workshop

24 January 2020| 9-17.30
University of Padova
Dept.of Statistical Sciences | Room SC60

9-10:30
Bernardo Nipoti | *Bayesian nonparametric functional mixture modelling to uncover neurocardiovascular profiles in older Irish adults*

Daniele Durante | *Asymptotically exact variational Bayes for high-dimensional binary regression Models*

Jan van Waaij | *Fast grouped posterior approximation for nonparametric density estimation*

11-12:30
Lucia Paci | *Graphical model selection for air quality time series*

Marco Stefanucci | *Multiscale stick-breaking mixture models*

Mauro Bernardi | *Expectation propagation for generalised quantile regression models*

14-15:30
Junior session. *Talks by PhD and MSc students*

16-17:30
Emanuele Aliverti | *Composite mixture of loglinear models for multivariate categorical data*

Riccardo Corradin | *Importance conditional sampler for Pitman-Yor and GM-DDP mixtures*

Antonio Canale | *Simultaneous transformation and rounding models for integer-valued data*

Info&registration:http://bnp4cd.stat.unipd.it/workshop.html