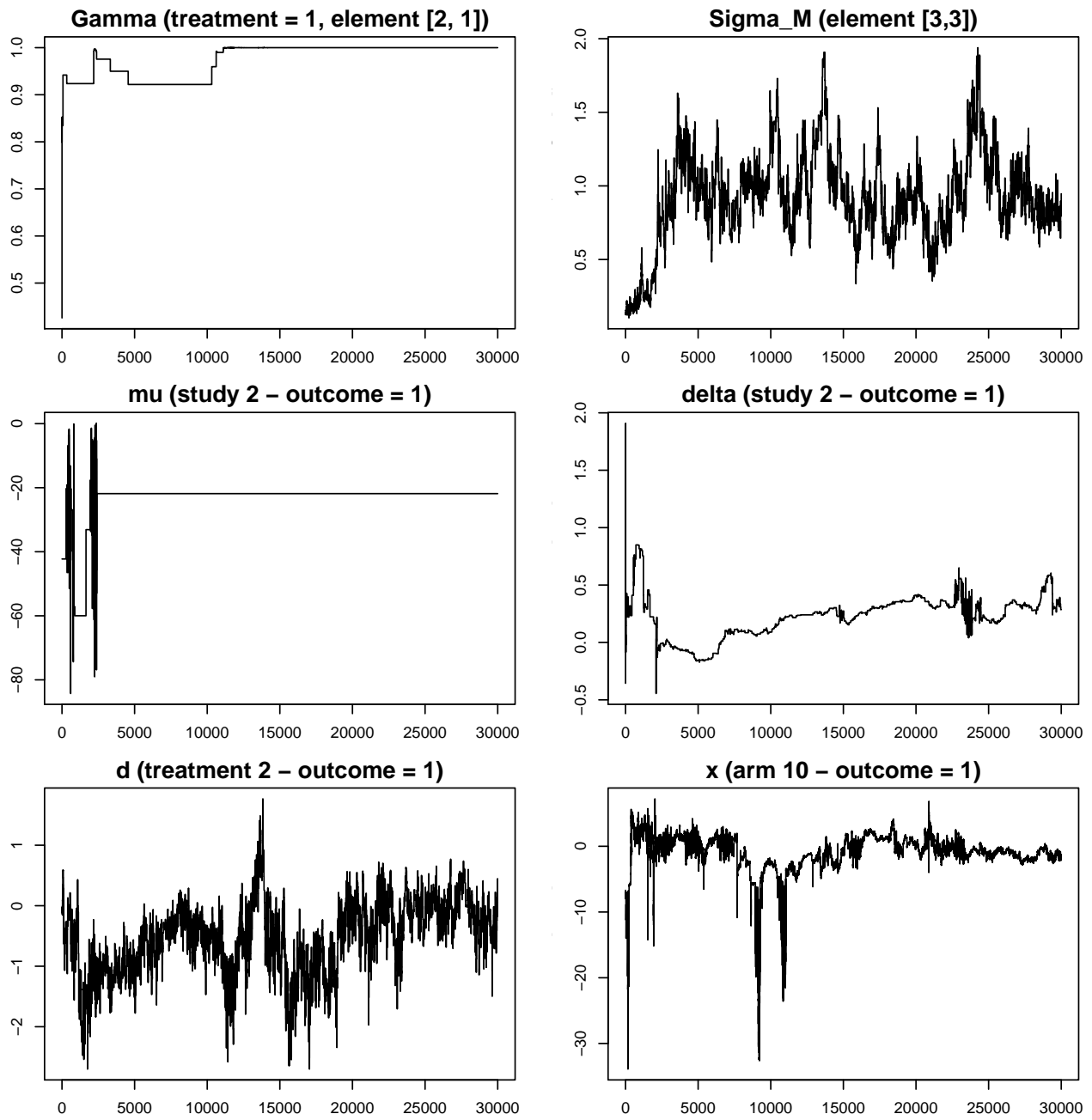


# netcopula package

Report at 2016-04-12

*Sergio Venturini*

## Trace plots for a subset of the parameters

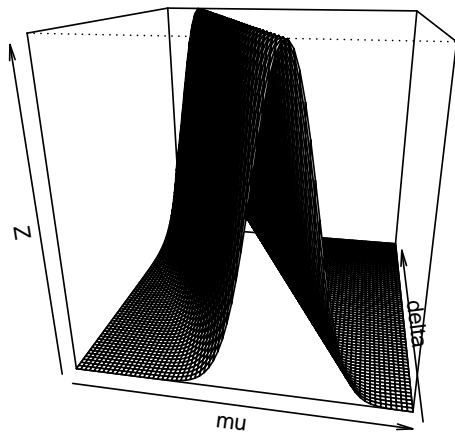


$(\mu_{ikm}, \delta_{ikm})$  **target density**

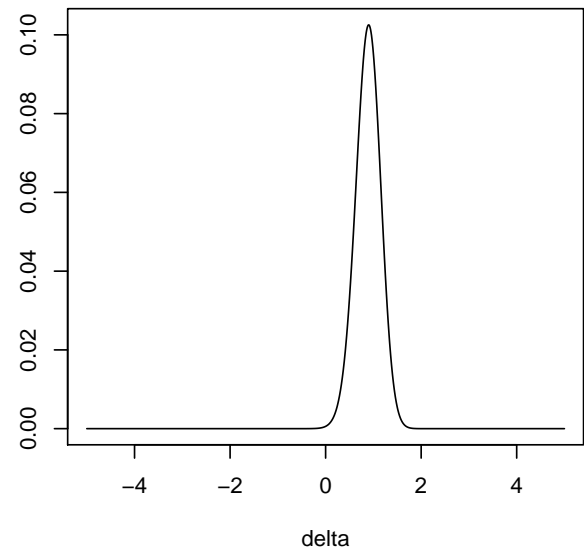
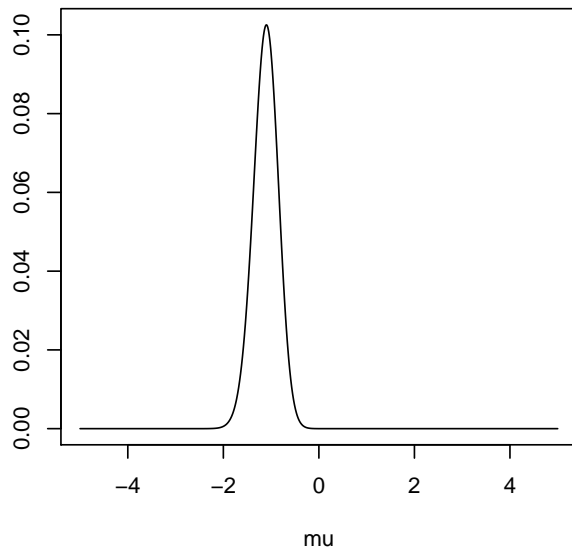
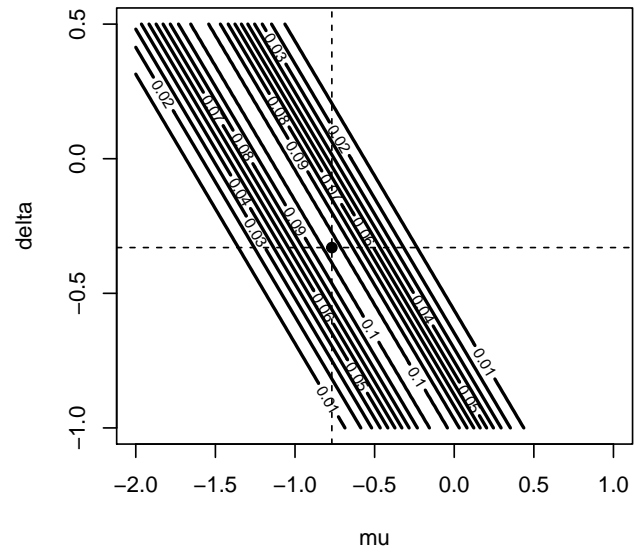
The following plots are obtained using:

- $\tau_{ikm} = 0$
- $\eta_{ikm} = 1$
- $y_{ikm} = 20$
- $n_{ikm} = 80$
- $\omega_{ikm} = 0$
- $\gamma_{ikm} = 1$
- $\mu_\sigma = \sqrt{10^3}$
- $\varepsilon = 1E - 12$

**3D plot**



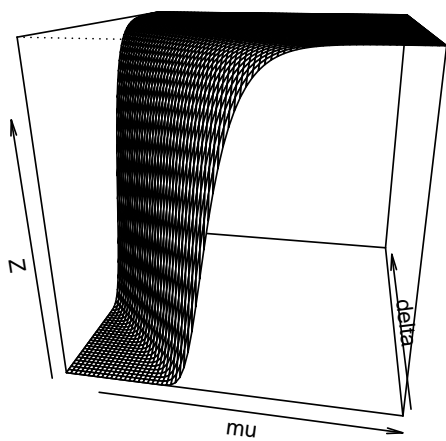
**Contour plot**



The following plots are obtained using:

- $\tau_{ikm} = 0$
- $\eta_{ikm} = 1$
- $y = 80$  (in the previous plots this was 20)
- $n_{ikm} = 80$
- $\omega_{ikm} = 0$
- $\gamma_{ikm} = 1$
- $\mu_\sigma = \sqrt{10^3}$
- $\varepsilon = 1E - 12$

**3D plot**



**Contour plot**

