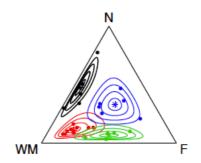For composition $\Delta_{(WM, F, N)}$:

$$\mu_1 = (0.47, 0.05, 0.48),$$

$$\mu_2 = (0.69, 0.19, 0.11),$$

$$\mu_3 = (0.47, 0.46, 0.07),$$

$$\mu_4 = (0.29, 0.38, 0.33),$$

and covariances matrix estimation

$$\Sigma_1^{ilr} = \Sigma_2^{ilr} = \Sigma_3^{ilr} = \Sigma_4^{ilr} = \begin{pmatrix} 0.18 & 0.02 \\ 0.02 & 0.15 \end{pmatrix}.$$