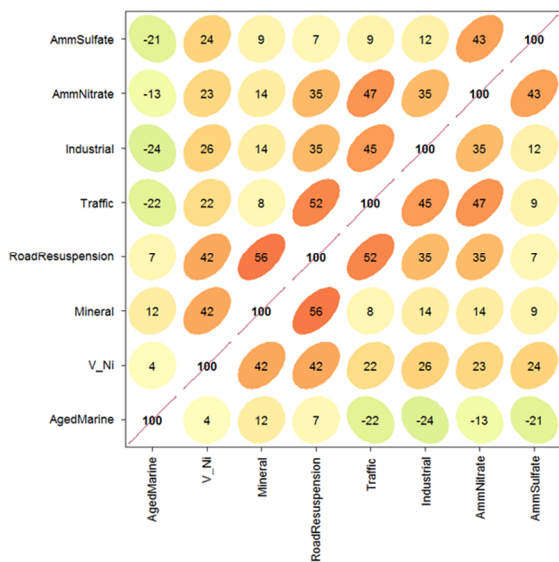
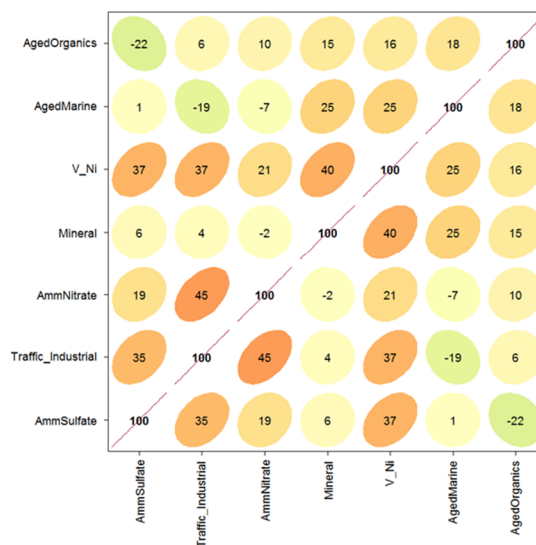


Supplementary material of “From air quality to climate; Impact of aerosol sources on optical properties at urban, regional and continental levels in the north-western Mediterranean”

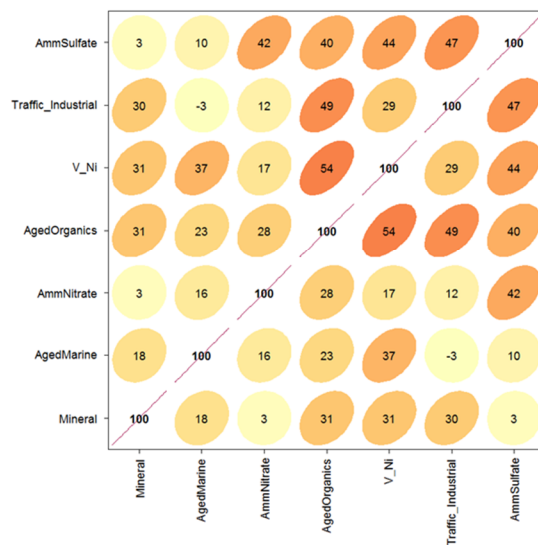
a) BCN



b) MSY



c) MSA



**Figure S1.** Correlation matrix between pairs of aerosol sources obtained by means of the PMF model at a) BCN, b) MSY and c) MSA. The correlation is coded by shape and colour for better visualization, lower correlations are represented by circles and lighter colours whereas higher correlations are represented by ellipses and darker colours.