

Membrane dataset

A scientist recorded several mechanical, electrical and transport properties of a membrane (stored as variable X; there are 8 x-variables in the first 8 columns)) and a quality variable (stored as variable y in the 9th column). 120 samples are available. The scientist wants to characterize the variable interdependencies in the X-space and also the relationship between the X variables and the y variable. Represent your findings in suitable (qualitative and quantitative representations).