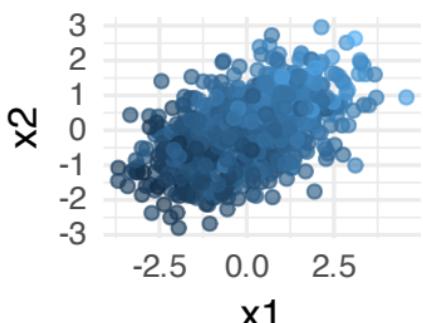


PCA: máxima variância \neq fator gerador

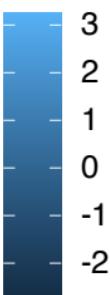
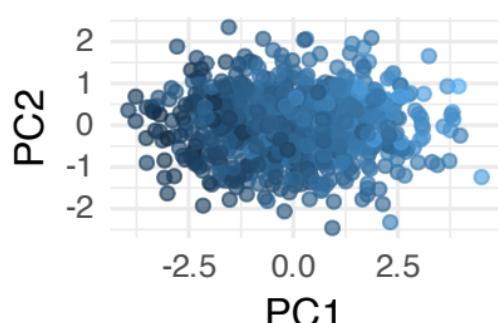
Espaço original

Cor indica o fator gerador real (z_1) $\text{Var}(\text{PC1})=79.9\%$ | $\text{Var}(\text{PC2})=20.1\%$



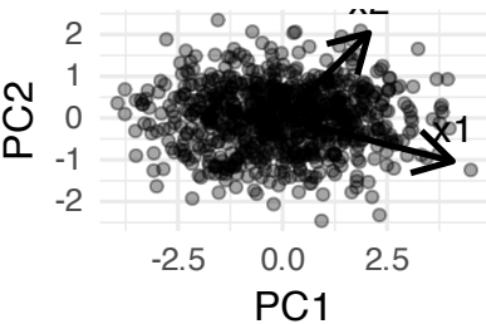
Espaço PCA

$\text{Var}(\text{PC1})=79.9\%$ | $\text{Var}(\text{PC2})=20.1\%$



Biplot

PCs descrevem variância, não fatores geradores
variância total dos dados originais: 100.0%



Scree plot

