

16.9.19

## Notes discussion w/ Raimon

### OUTLINE

- Describe about my research topic
- Multivariate statistics
  - PCA (tailings input)
  - How to integrate PCA into the research + LCA
- Different classes
  - ↳ final set of dominant characteristics with significant contributions to variability is obtained
- PCA can be used to suspect
  - variability ranking
  - correlation
- Geometrical modelling  $\leftarrow$  max Raimon
  - ↳ Assume no pores
  - Phase
  - Complexity of modelling  $\nearrow$  transient
- Complete one case study  $\rightarrow$  reactive transport modelling
- Variability  $\Rightarrow$  simulation of how the ore body
  - + 1000 alternatives (variations)  $\rightarrow$  see the influents
  - + (linear variability (diffusion, permeability))  $\rightarrow$  forcing of the system propagate