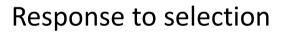
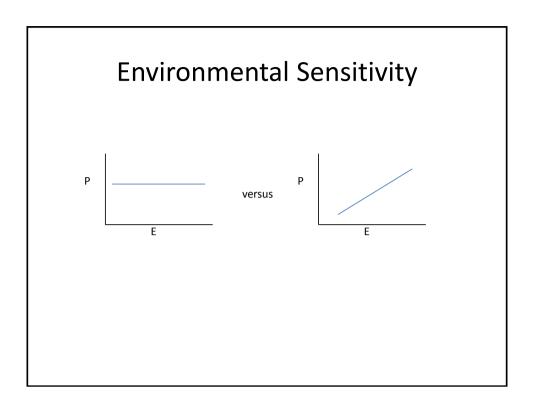
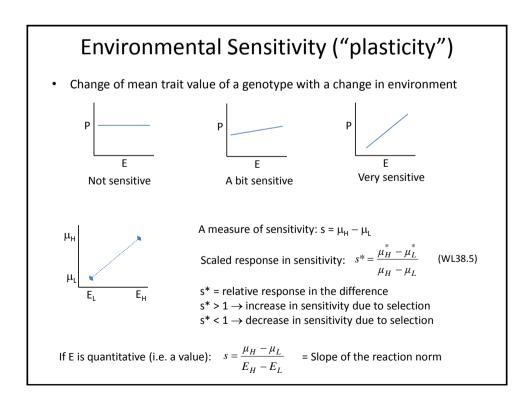
## Response to selection

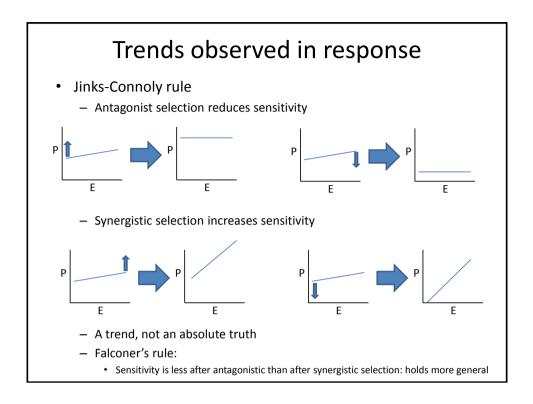
Piter Bijma Animal Breeding and Genomics Centre Wageningen University

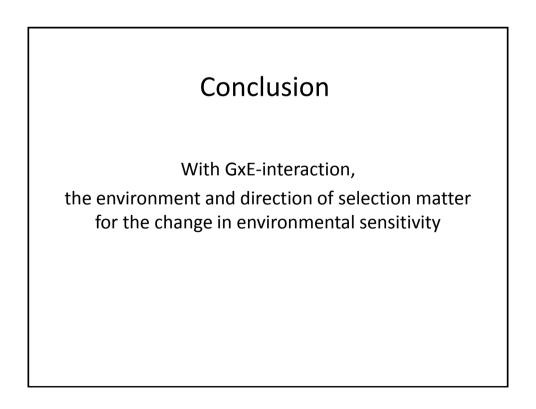


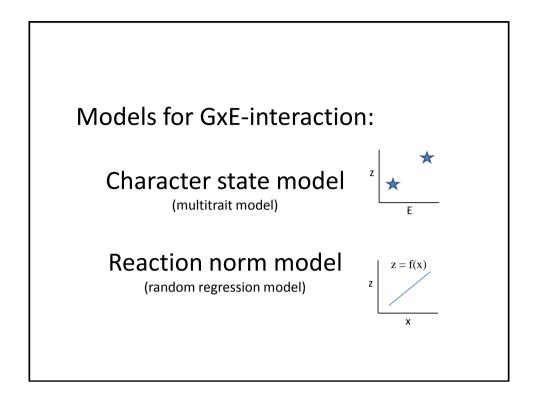
- Interest is in:
- Response in mean level of trait in each environment
- Response in environmental sensitivity

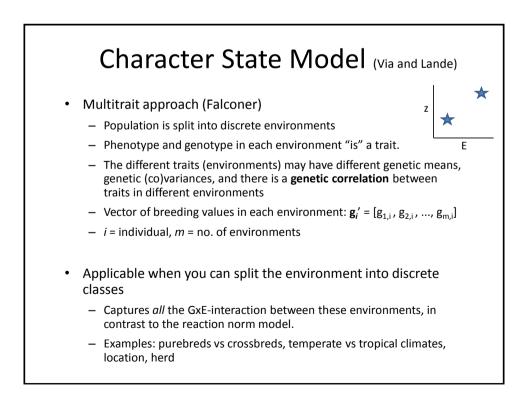


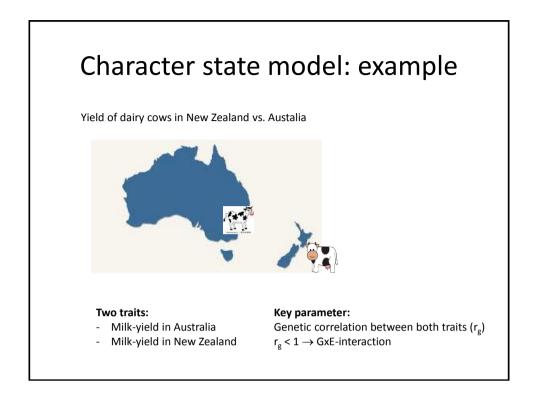


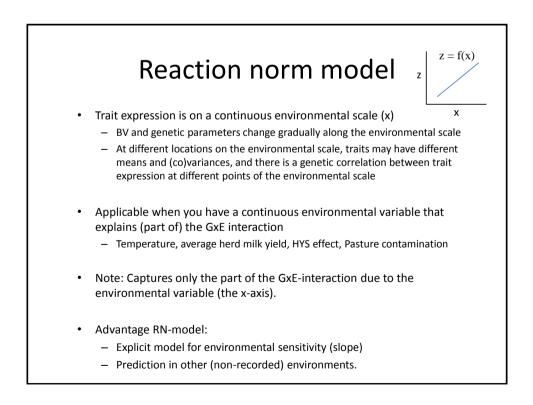


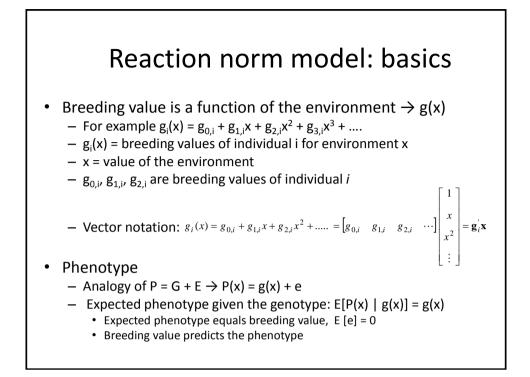


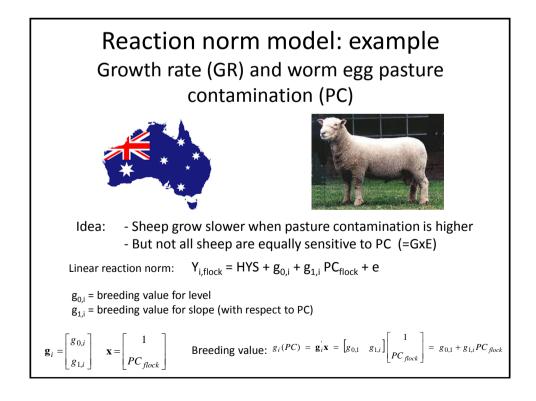


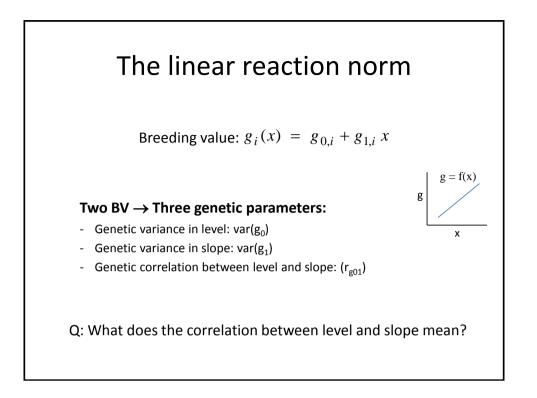


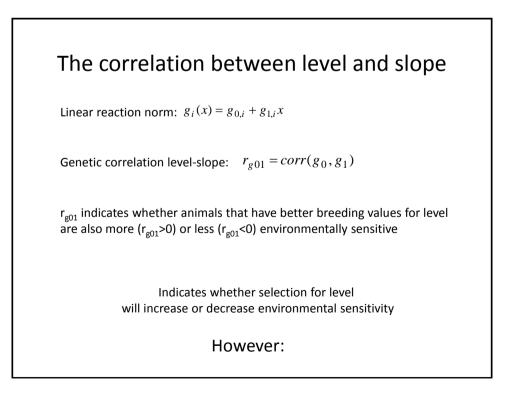


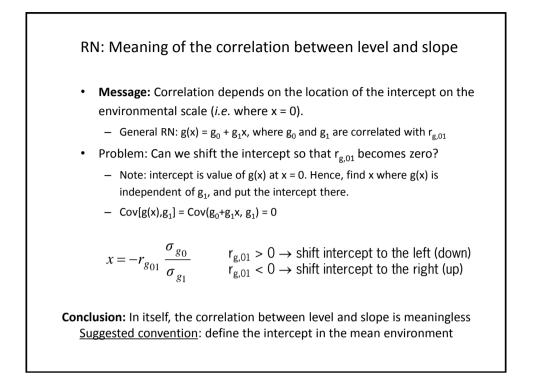


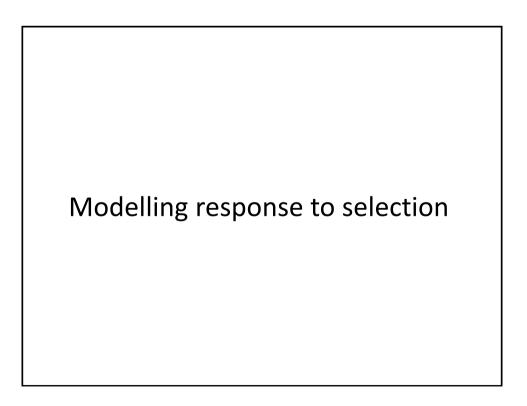


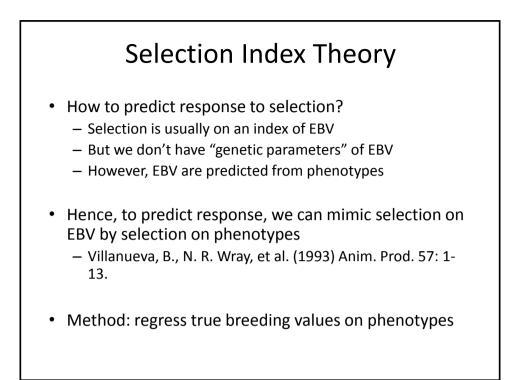


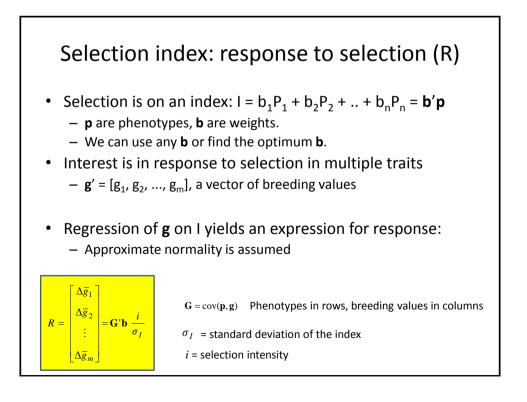




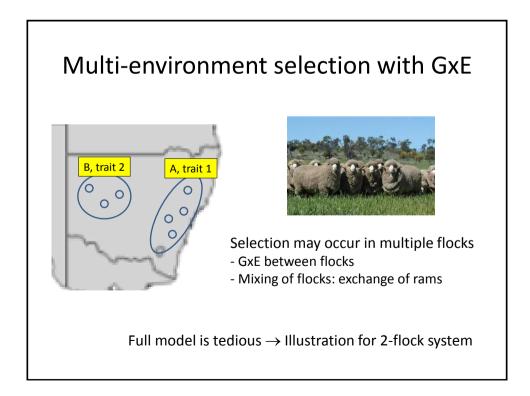


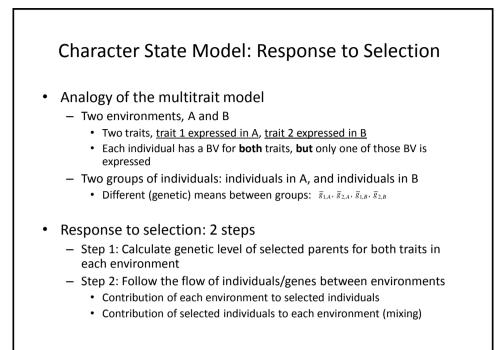


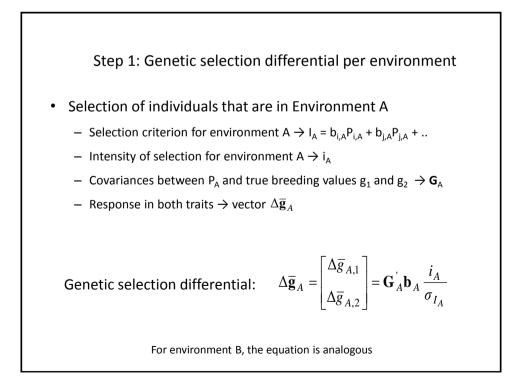


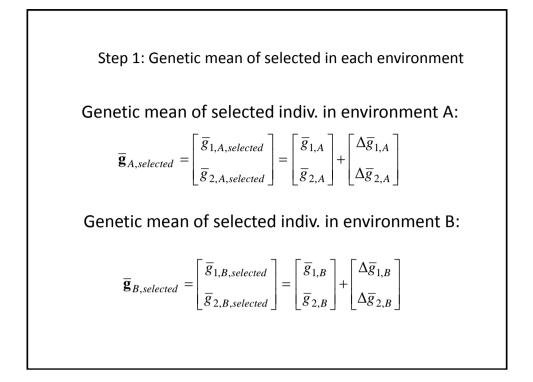


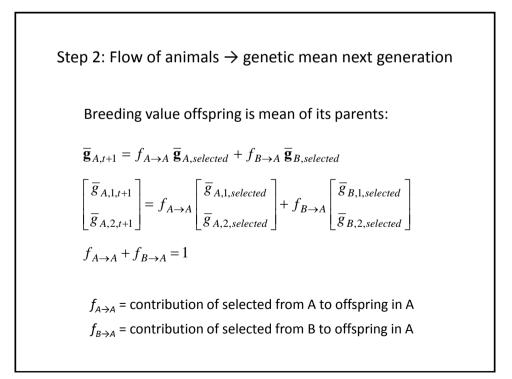
Response to Selection in the Character-state Model

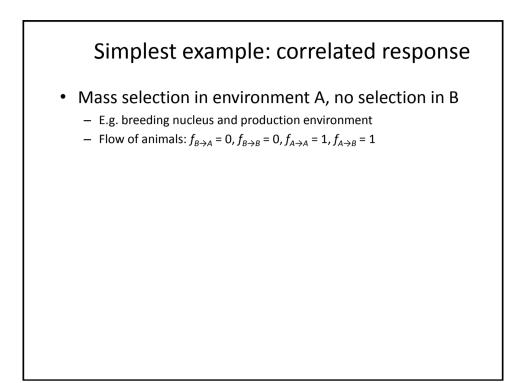


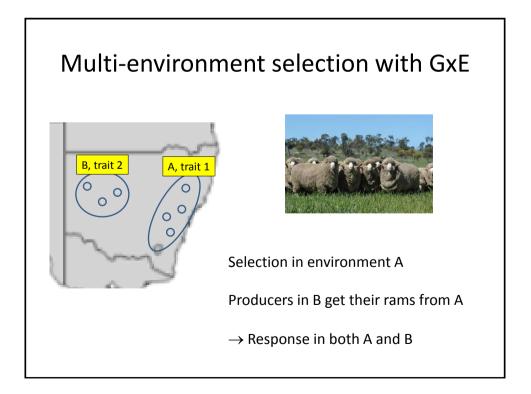


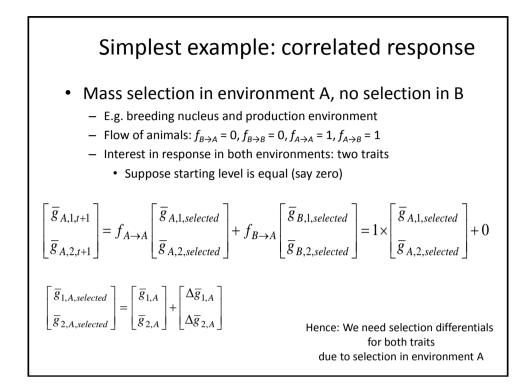


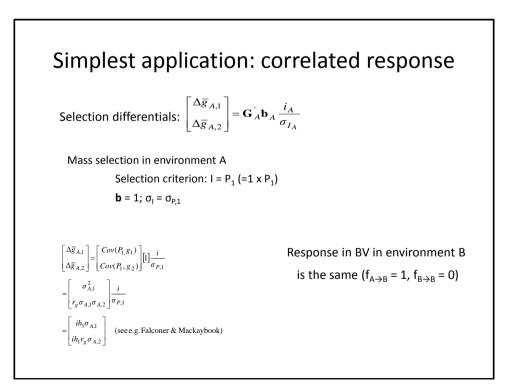


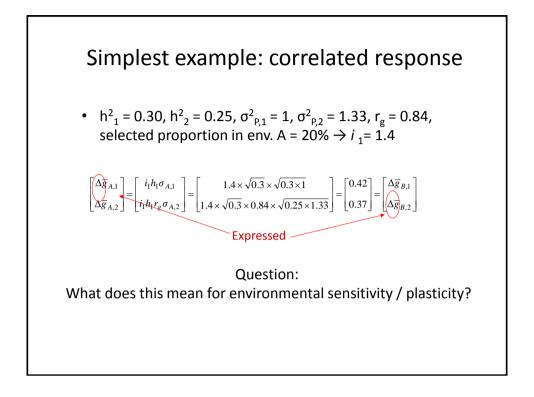


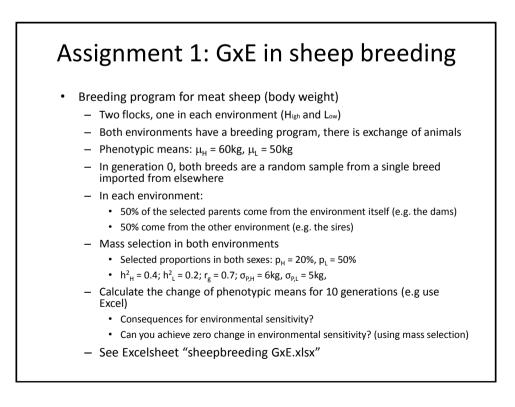


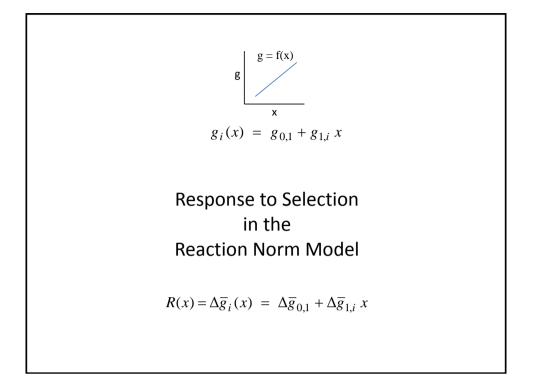


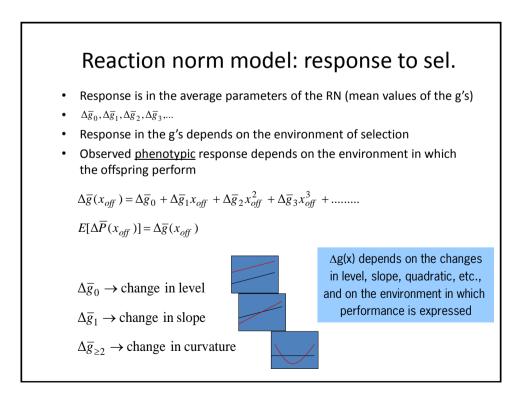


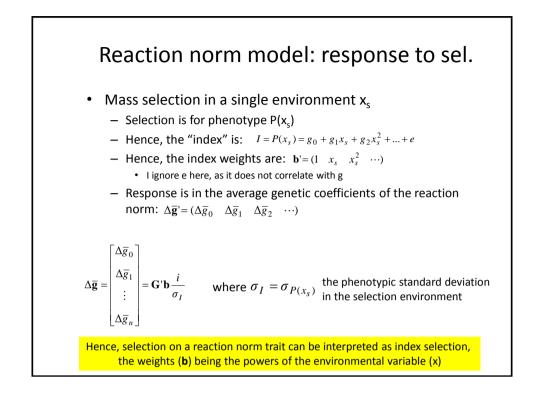


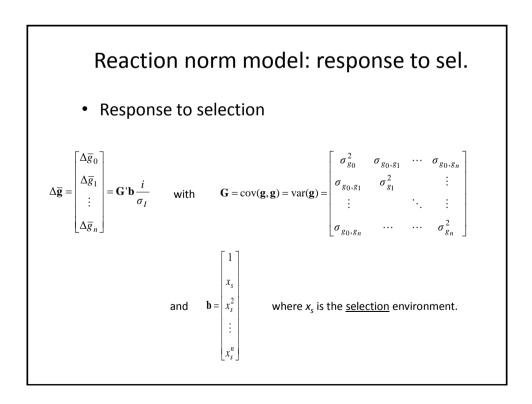


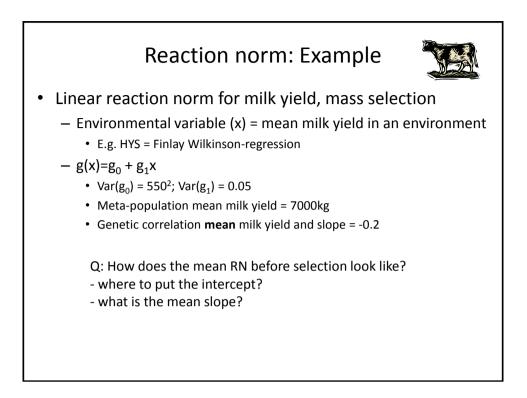


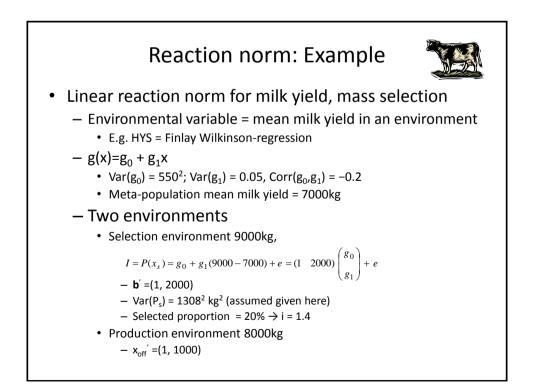


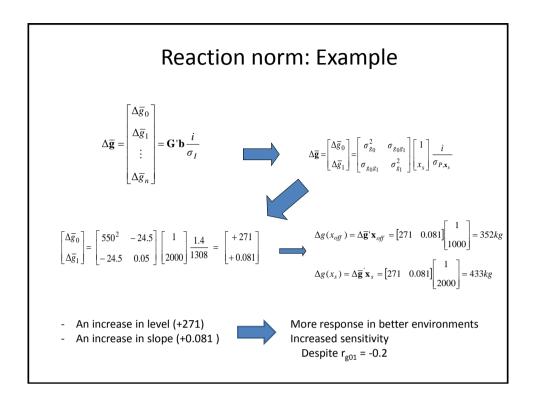


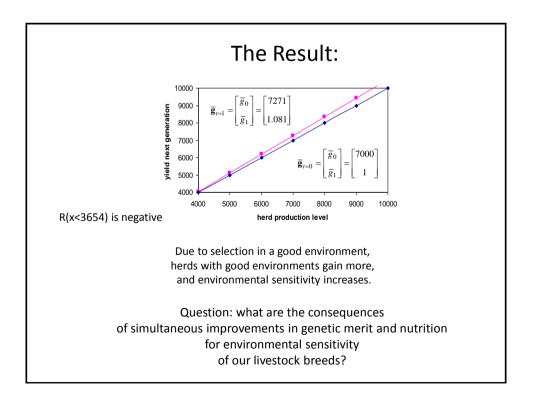












## Assignment 2: Selection for milk yield when GxE is modelled as a linear RN

- See word document: "Single trait selection on a linear reaction norm trait.docx"
- See R-code: "univariate reaction norm milk yield.R"
- Investigate:
  - Consequences of selection for environmental sensitivity
  - Effect of the selection environment