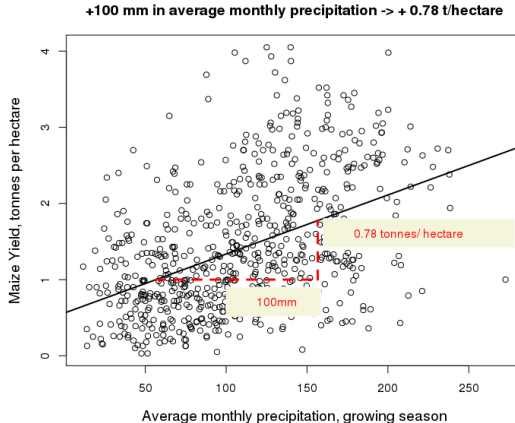


Modelling the dependency of food security on climate

- Can we explain changes in yield (or other indicator of food security) by changes in weather and climate (i.e. **precipitation** and **temperature**)?
- How reliably can we predict changes in yield based on climate?
- On average, how much does the yield change if the average monthly precipitation increase by 100mm?



Predicted average effects of change in precipitation and temperature on maize yield:

- Example of two counties

