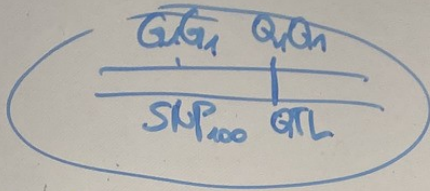
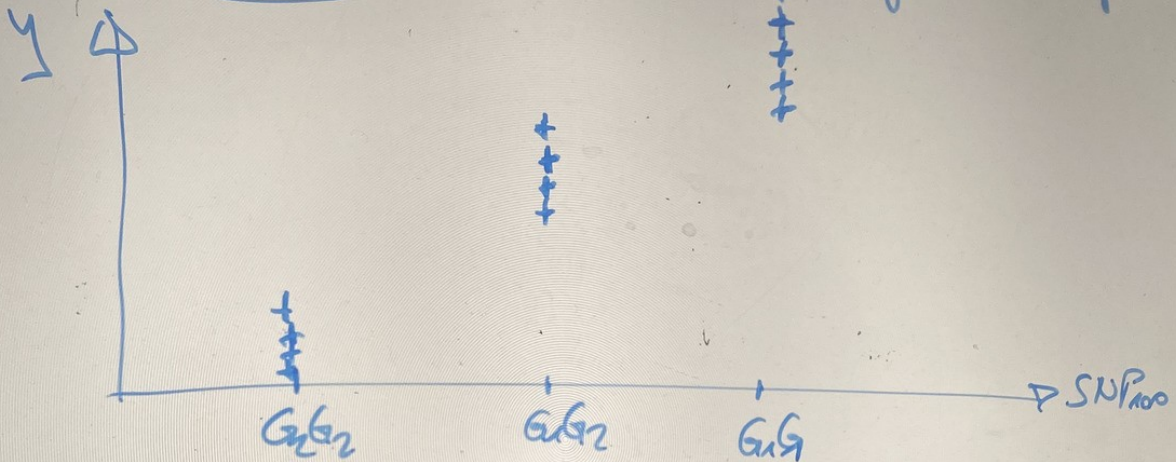


SNP₁₀₀ is closely linked to QTL for trait y:



Q₁Q₁ is not observed, but Q₁ is related to high values of trait y



Linear Regression

□ Example:

| Animal | Predictor variable (x) | Target variable (Zielgröße) y |
|--------|------------------------------|-------------------------------|
| | Breast Circumference (in cm) | Body Weight (kg) |
| 1 | 176 | 477 = y ₁ |
| 2 | 177 | 463 |
| . | . | . |
| . | . | . |
| 10 | 184 | 541 |