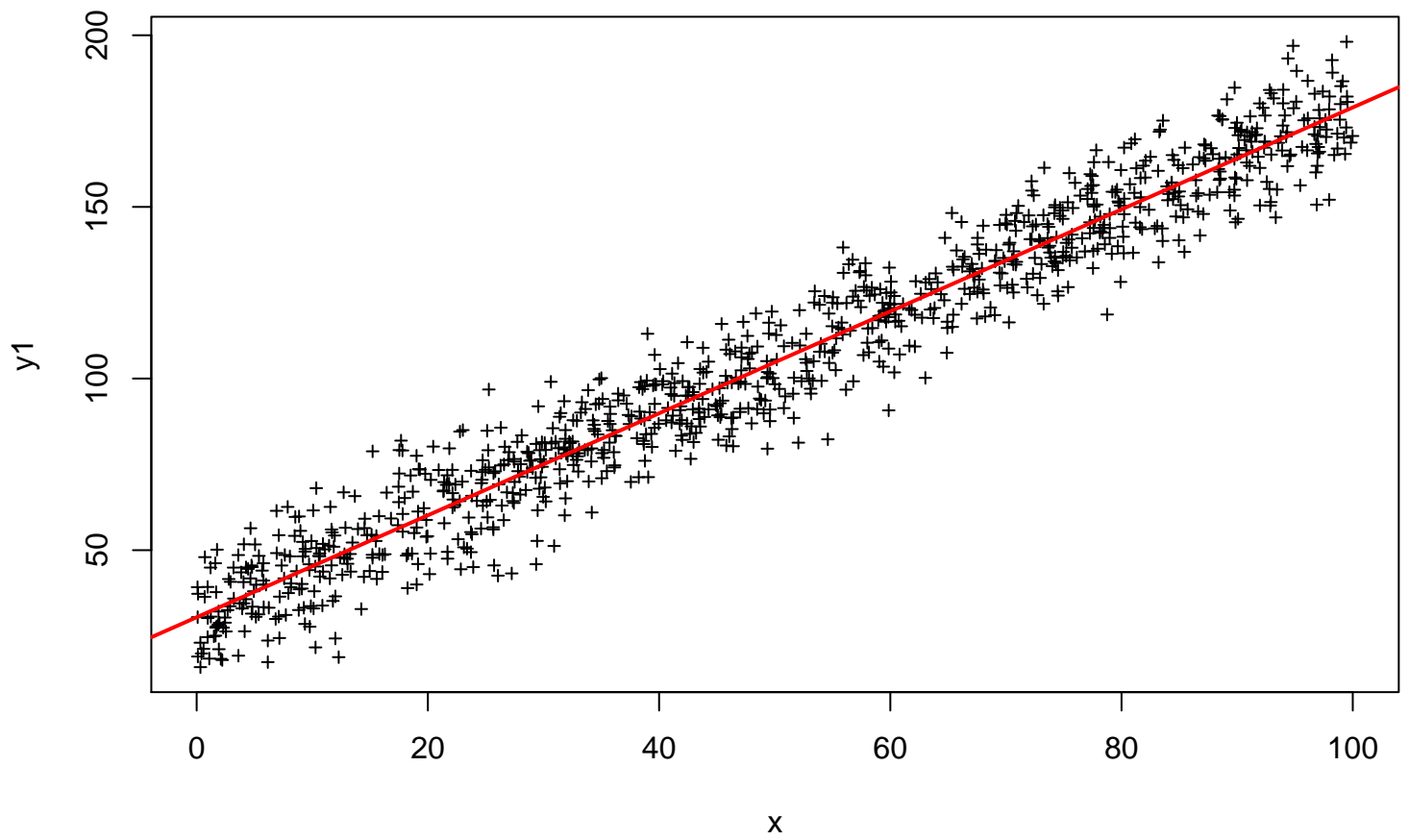
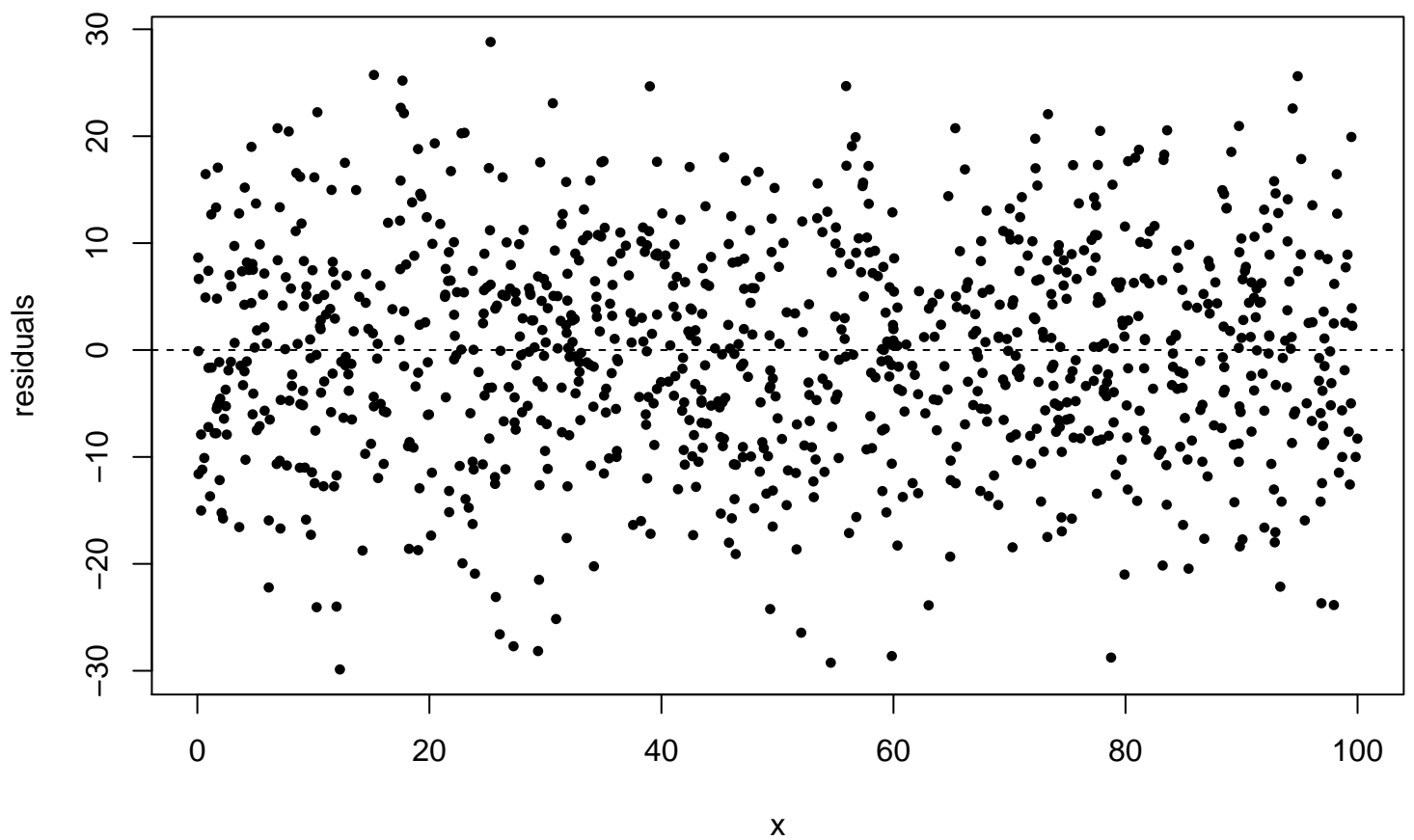


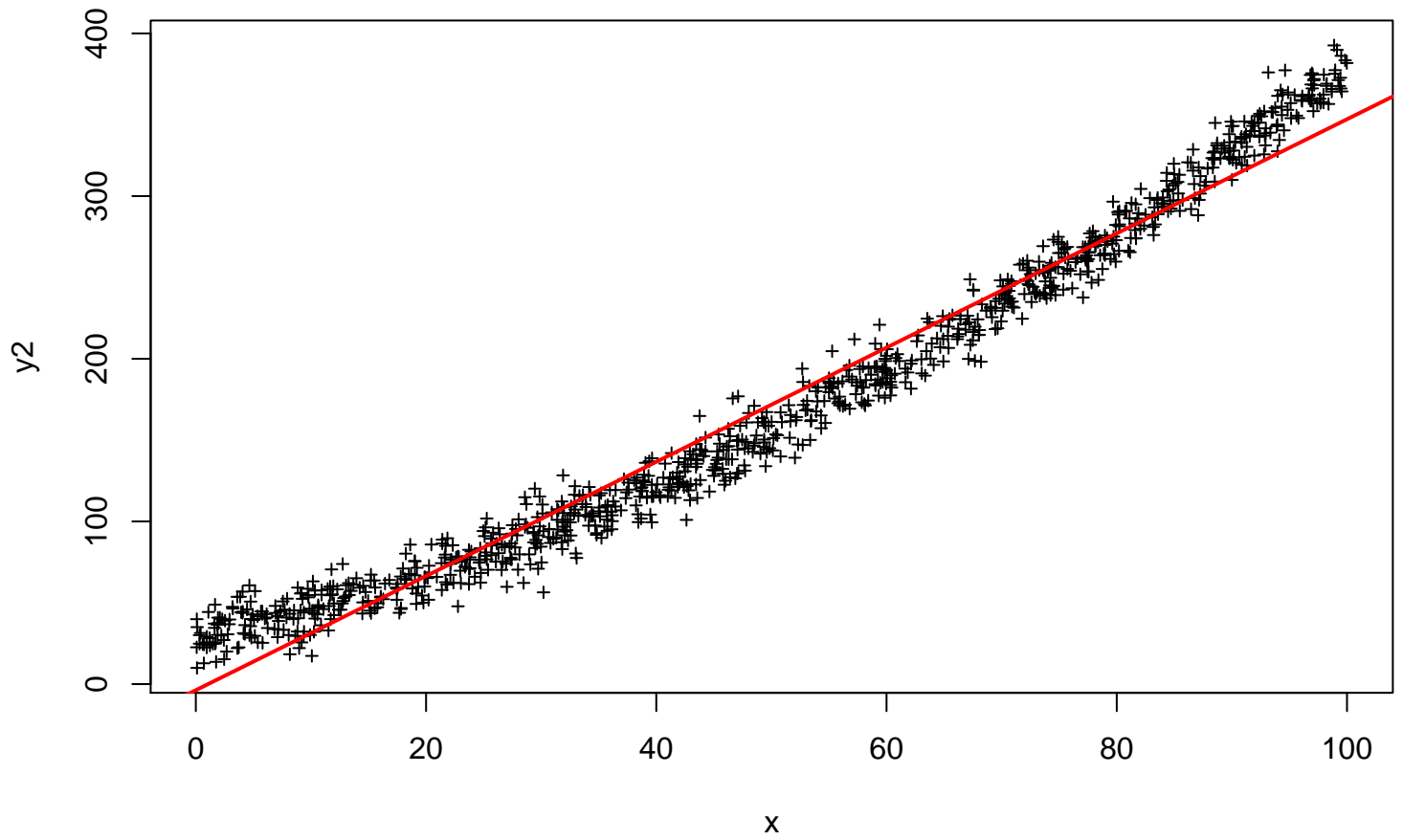
Original data



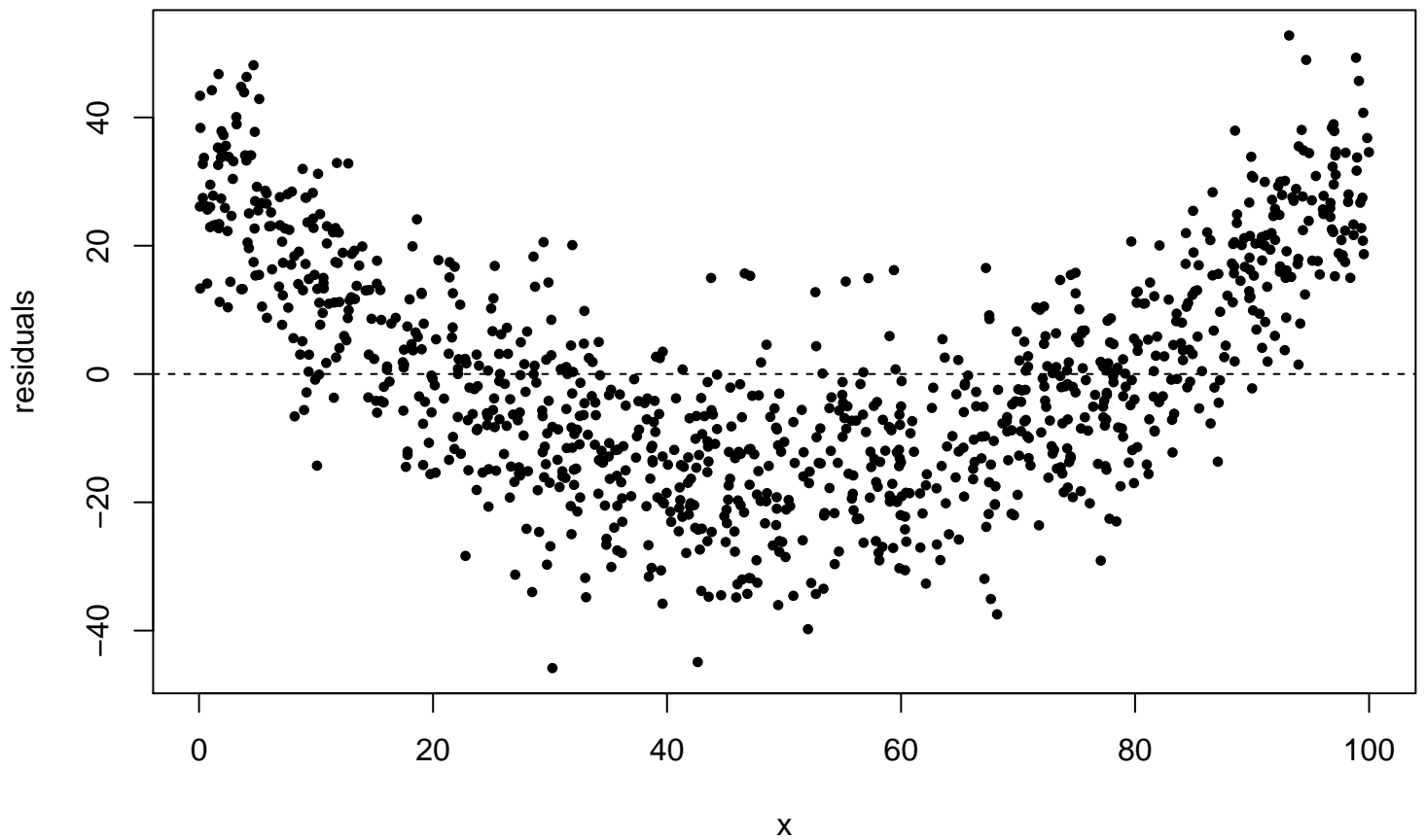
**Residuals show no pattern vs x
Straight line assumption correct**



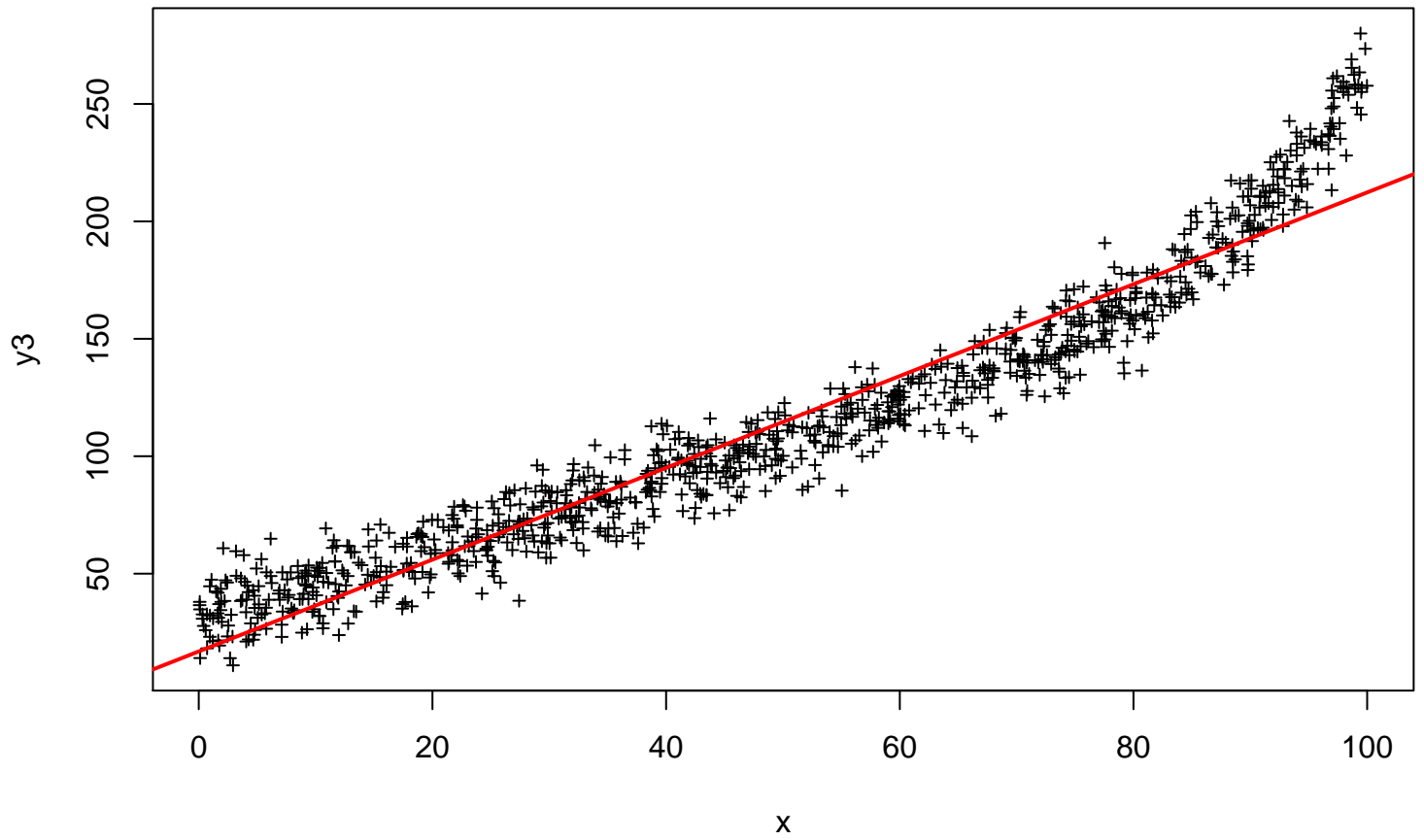
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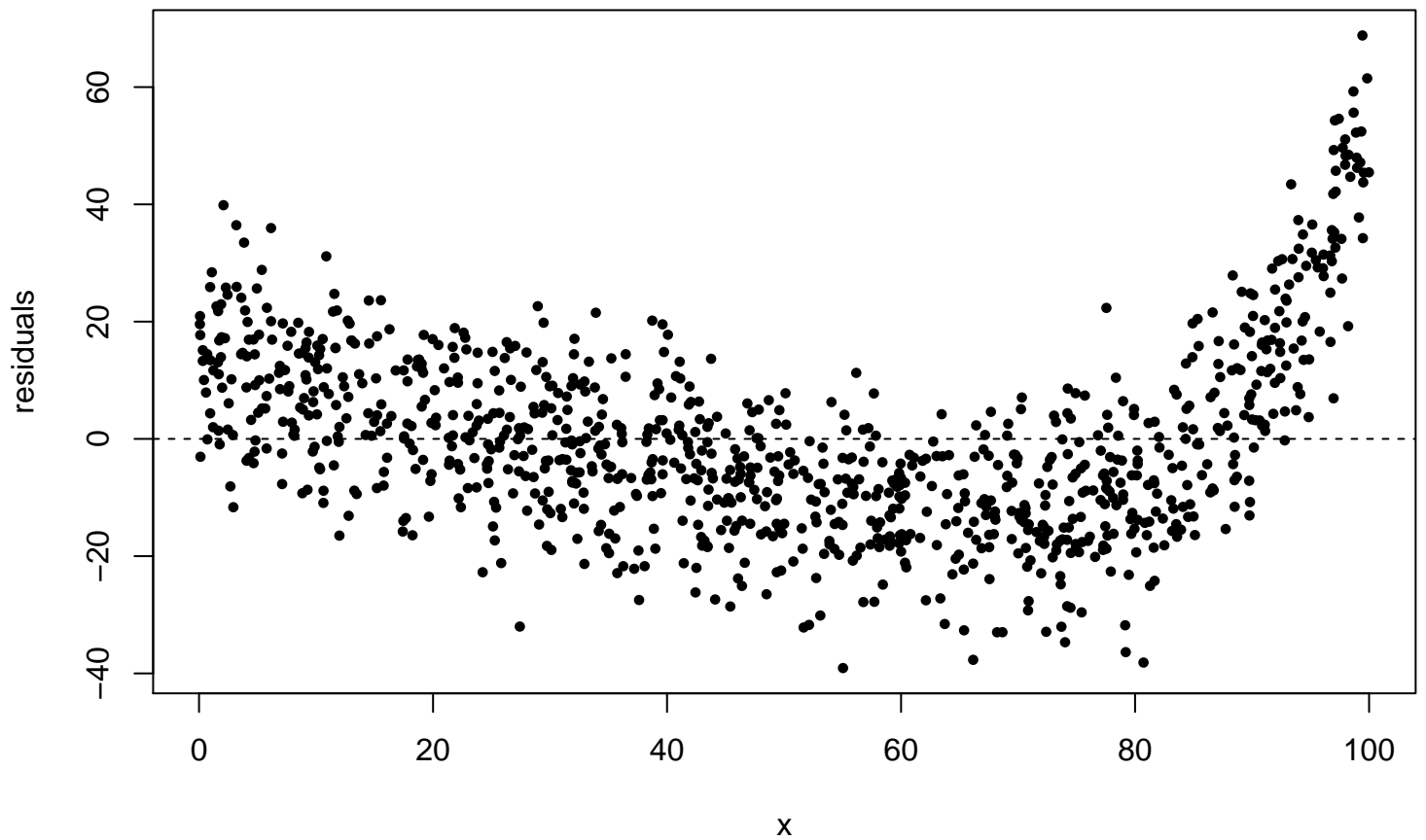
**Residuals show parabolic pattern vs x
Incorrect straight line assumption**



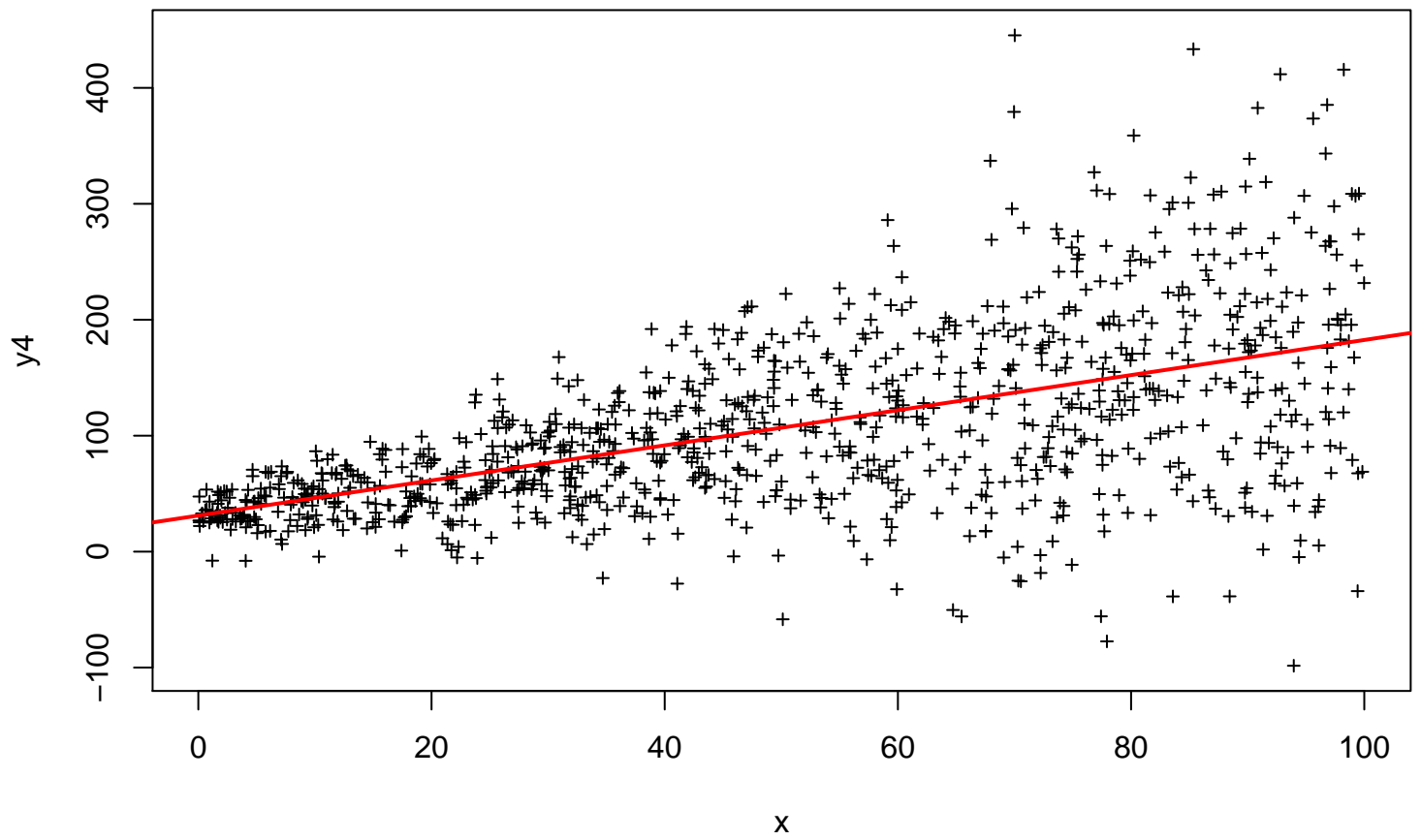
Original data



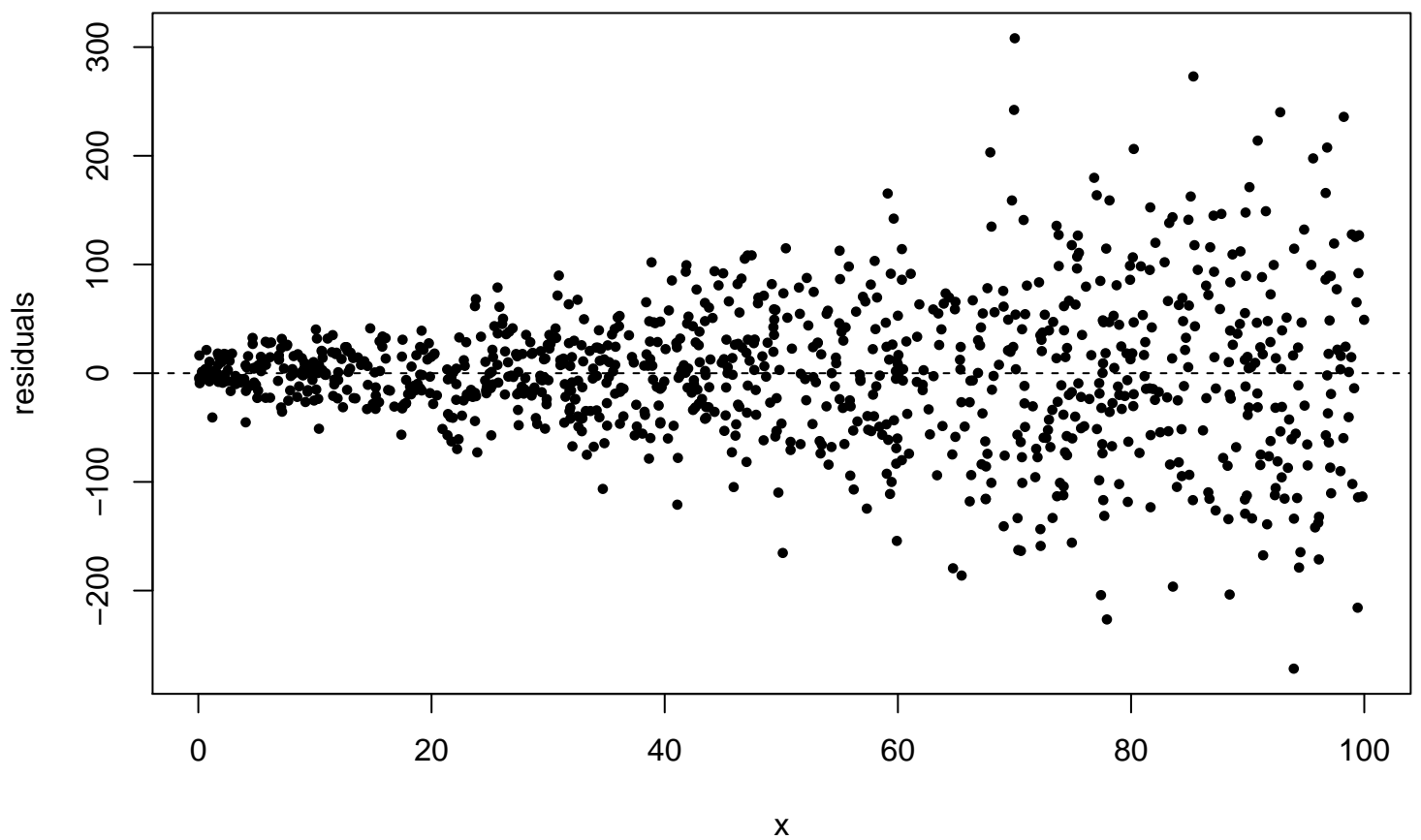
**Residuals show curvilinear pattern vs x
Incorrect straight line assumption**



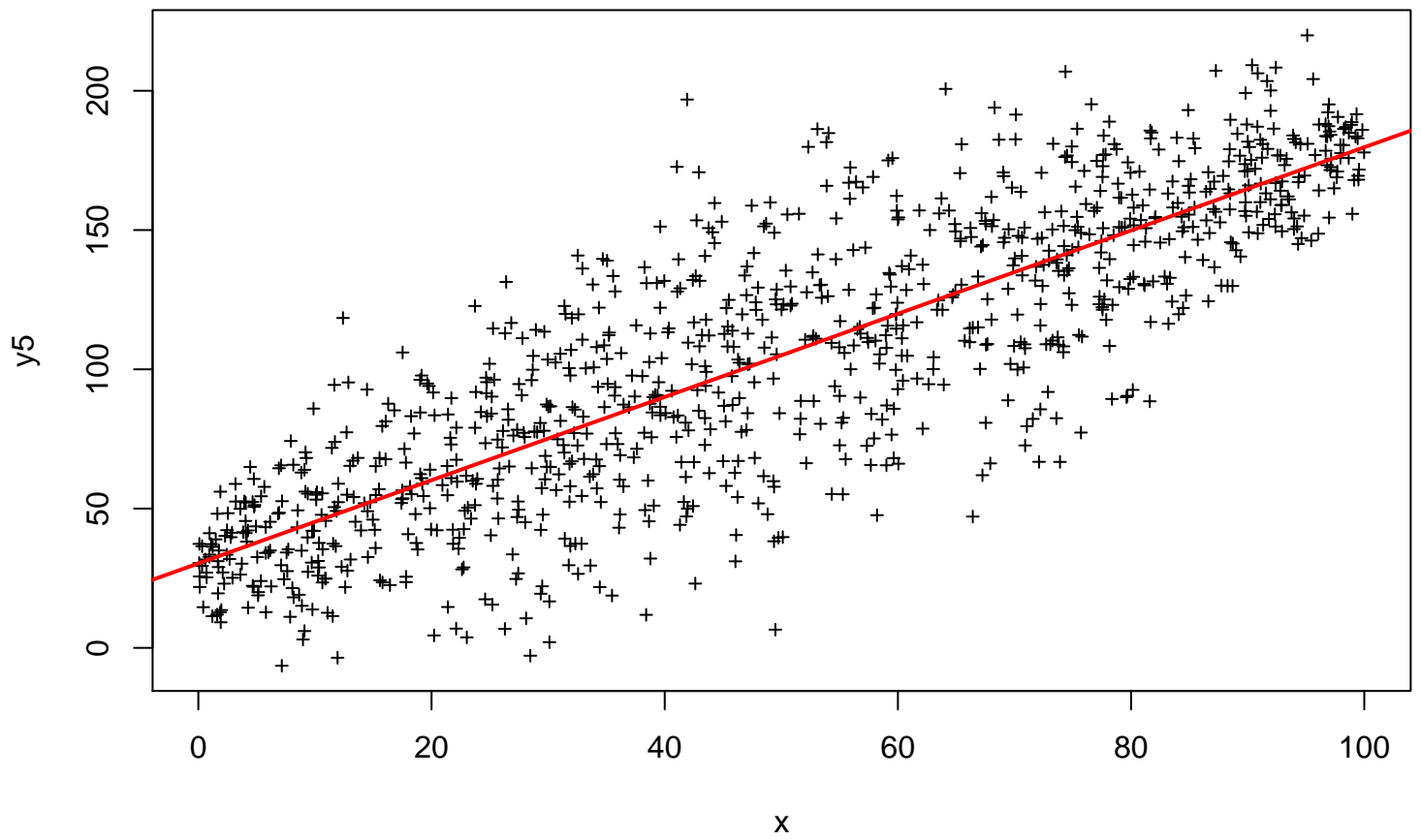
Original data



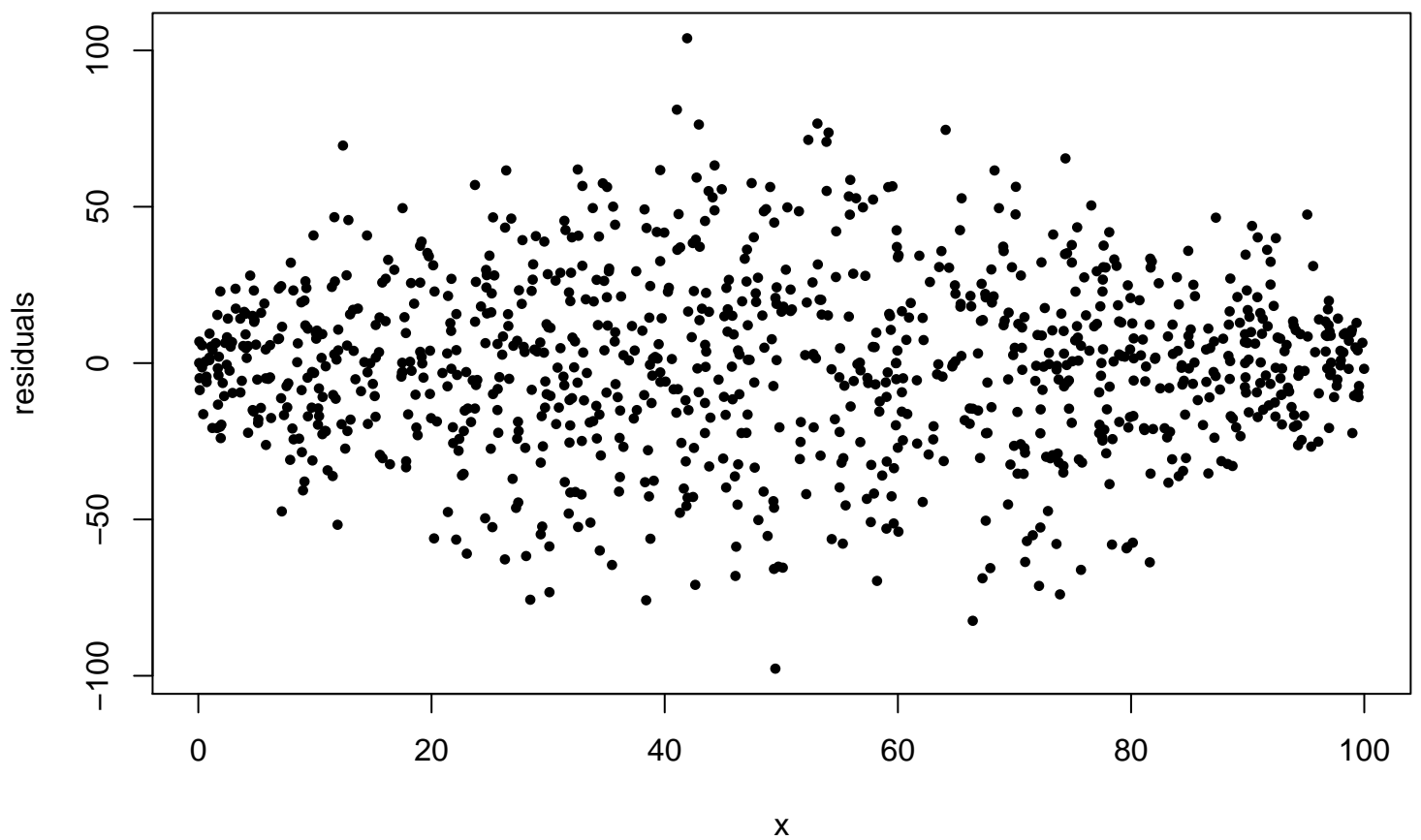
**Residuals show parabolic pattern vs x
Incorrect constant variance assumption**



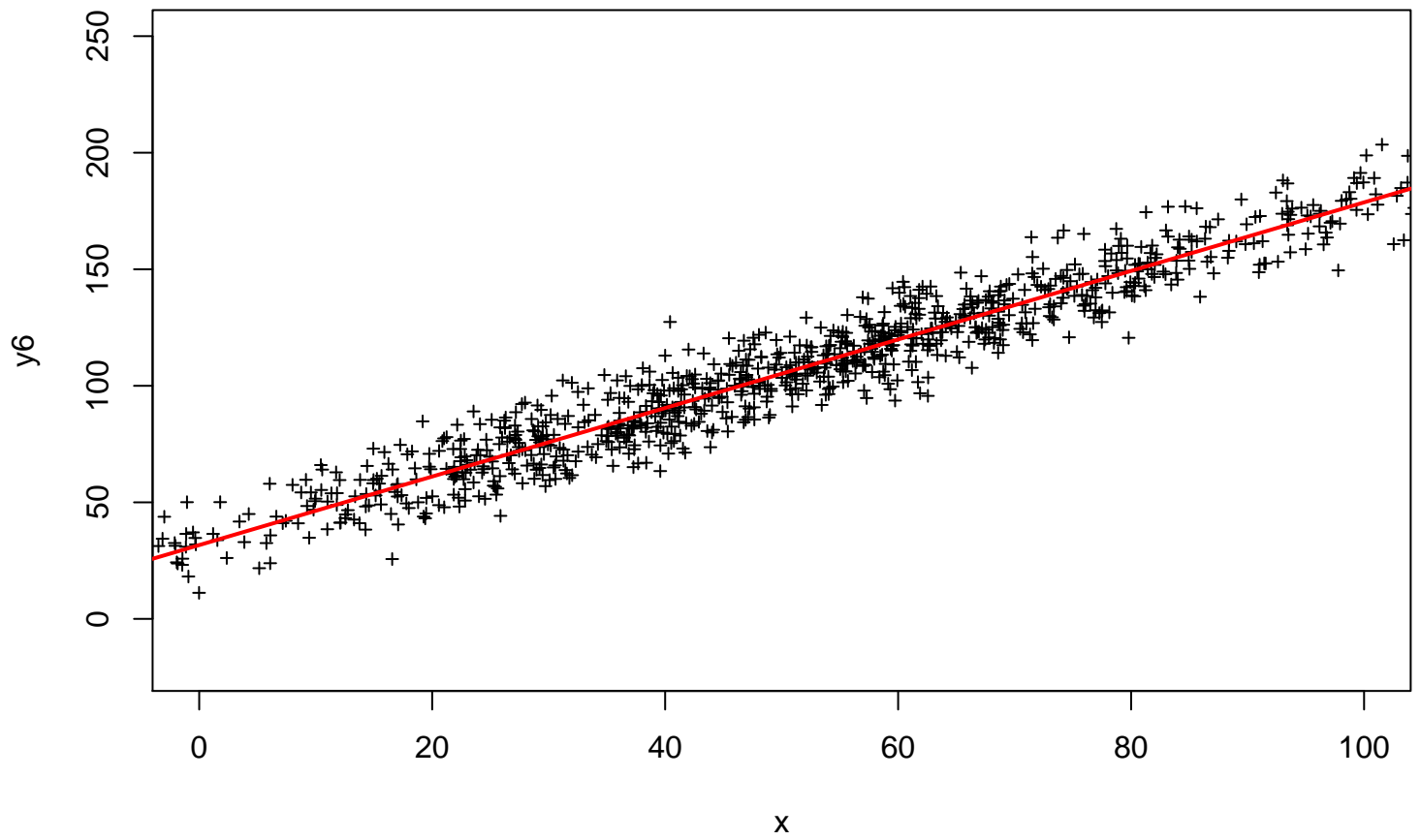
Original data



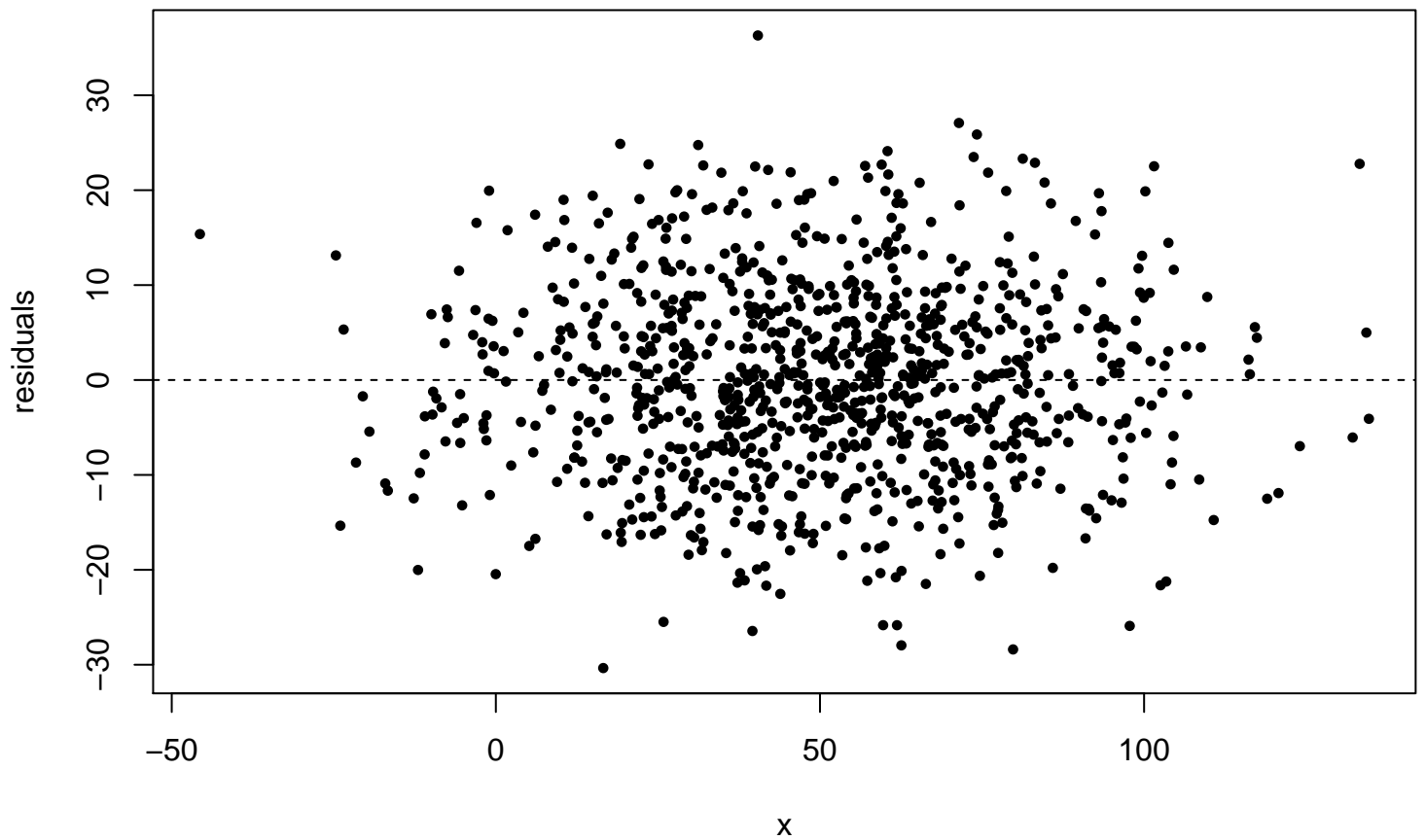
**Residuals show non-constant variance pattern vs x
Incorrect constant variance assumption**



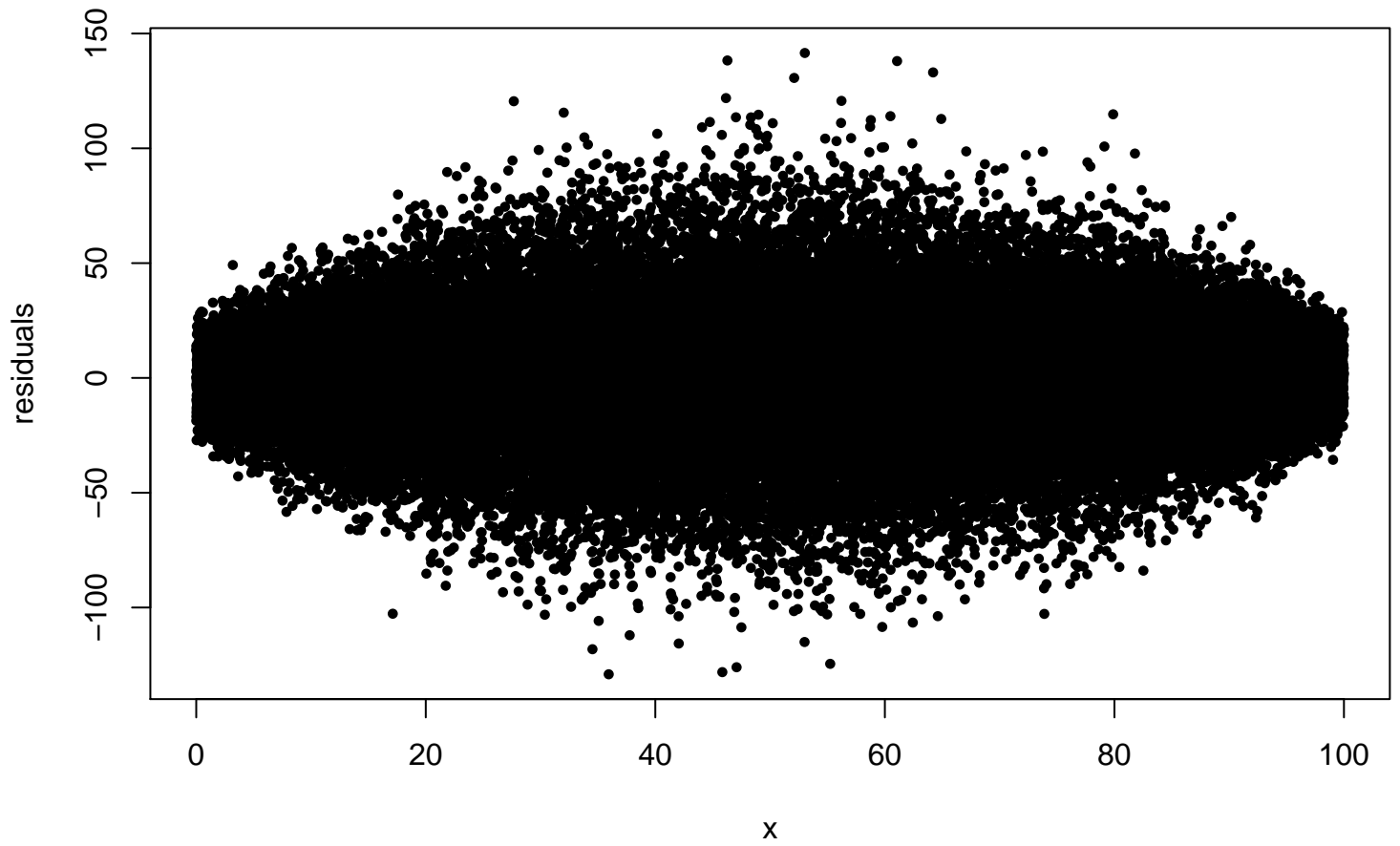
Original data



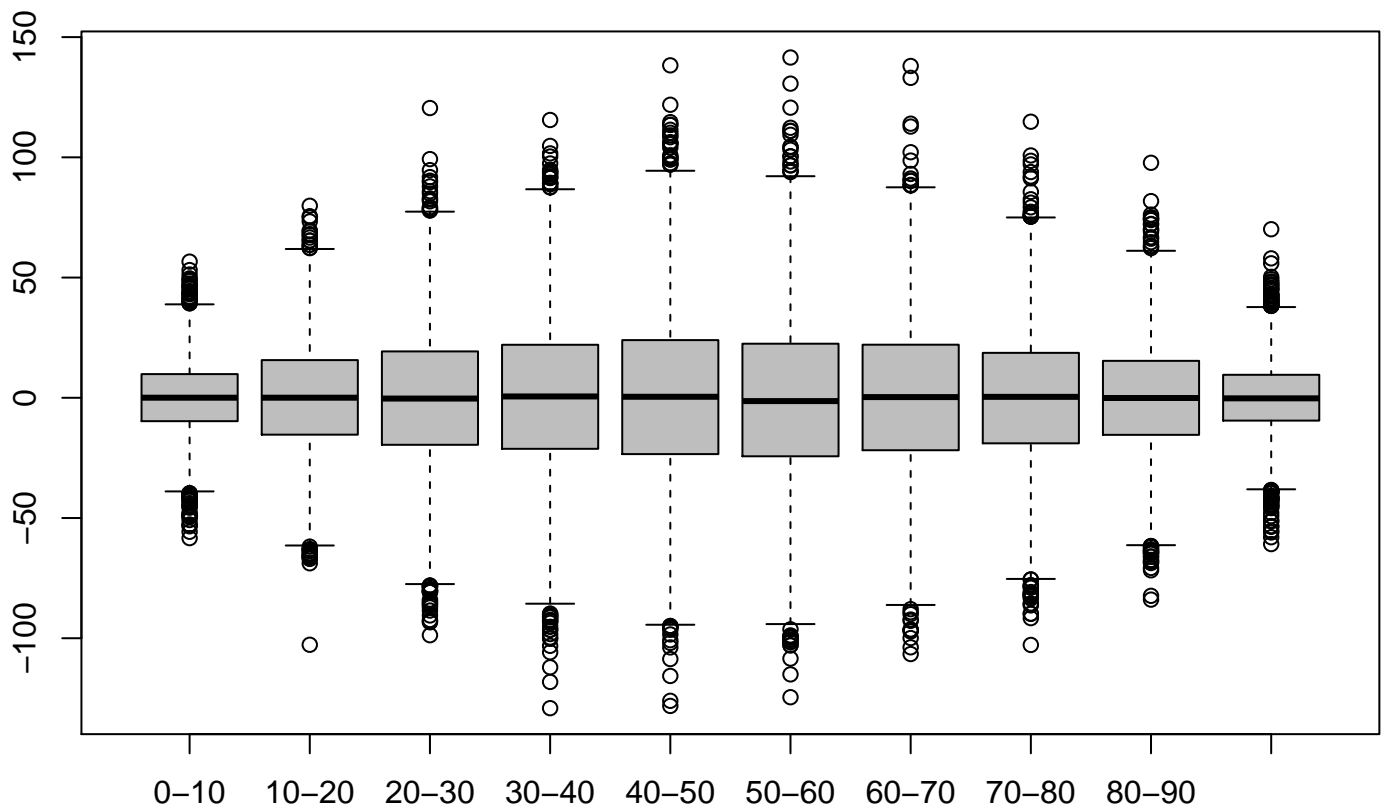
**Residuals show no pattern vs x
Straight line assumption correct**



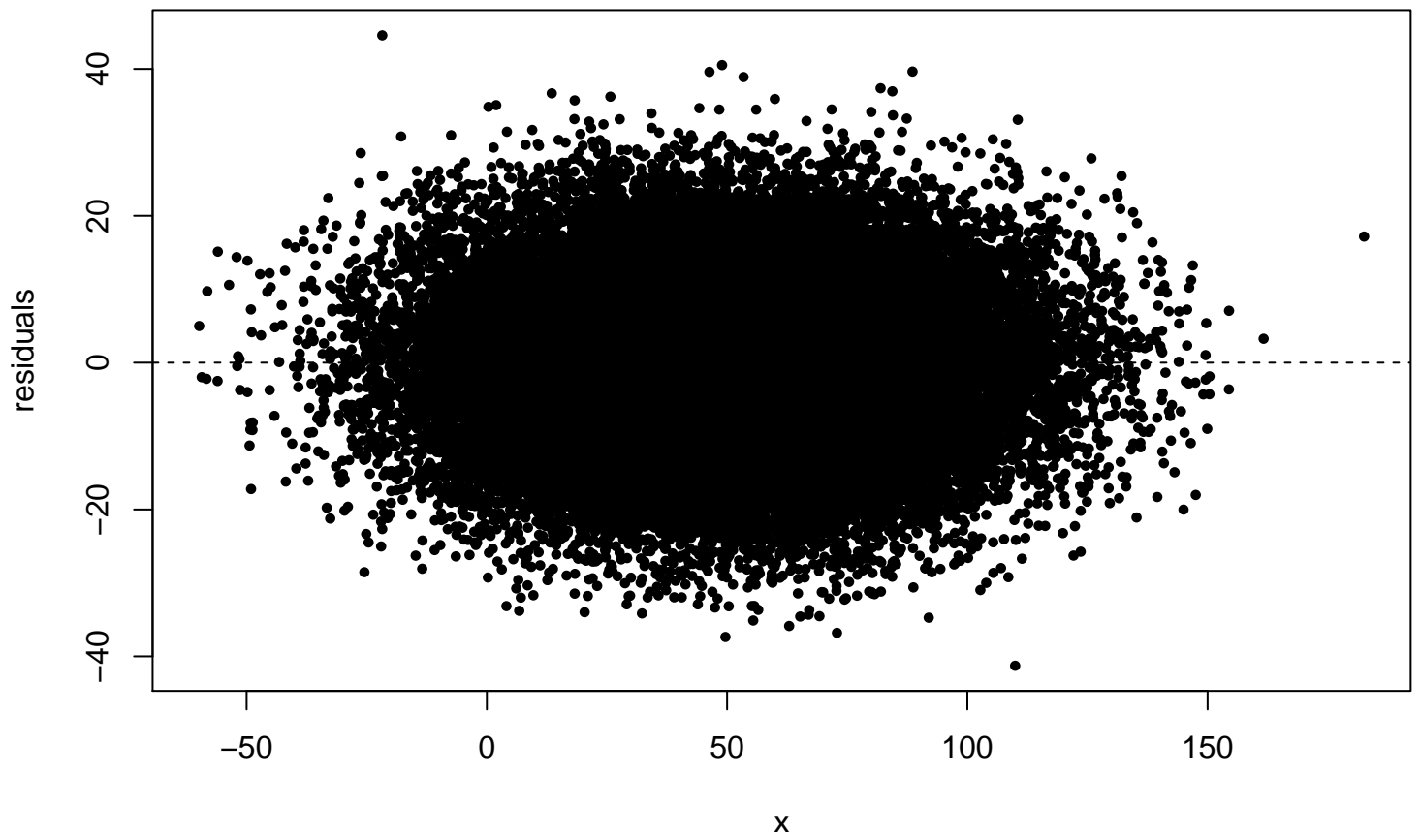
Larger sample size (50000)
Incorrect constant variance assumption



Residuals show non-constant variance pattern in boxplot



Larger sample size (50000)
Straight line assumption correct



Residuals show constant variance pattern in boxplot

