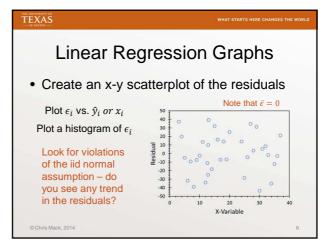


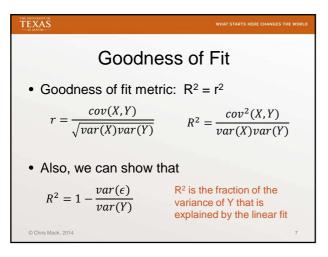
TEXAS

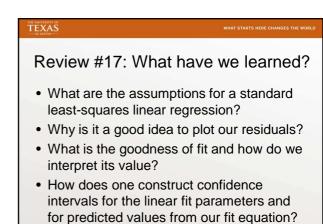
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MLE Linear Regression Assumptions

- Y is linearly related to X
- X_i is known with certainty; only Y_i has uncertainty, some of which is explained by X_i
- All Y_i are iid normally distributed
- There are no outliers: our regression is not robust, and even one bad data point will mess up our results







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