

95% level of confidence means that if we conducted the same experiment 100 times, 95 of those 100 confidence intervals will contain the true parameter value (for example the true value of \$1)

Estimated value of $\hat{\beta}_1$ $\pm 2 \times SE(\hat{\beta}_1)$ the spread of $\hat{\beta}_1$ Variance parameter $\hat{\beta}_1$ $\pm 2 \times SE(\hat{\beta}_1)$ $\pm 2 \times SE$

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