women

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# Regression Report

Linear regression was used to model the relationship between weights and height in a sample of 15 women. The equation **weight = -87.5166667 + 3.45 \* height**  
accounted for 0.99% of the variance in weights. The ANOVA table is given below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | Std. Error | t value | Pr(>|t|) |
| (Intercept) | -87.51667 | 5.9369440 | -14.74103 | 0 |
| height | 3.45000 | 0.0911365 | 37.85531 | 0 |

The regression is plotted in the following figure.

## `geom\_smooth()` using formula 'y ~ x'

