# 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 follow | ing figure. |  |
| [](women\_file | s/figure-doc | x/unnamed-chu | nk-3-1.png)< | !– –> |