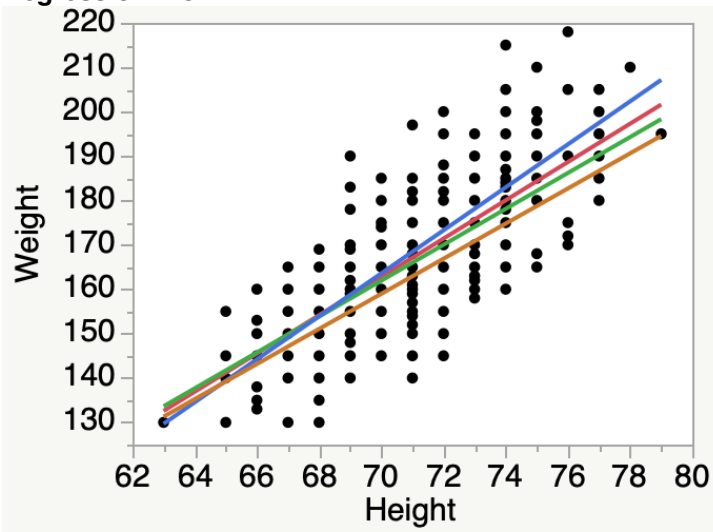


Response Weight  
Regression Plot

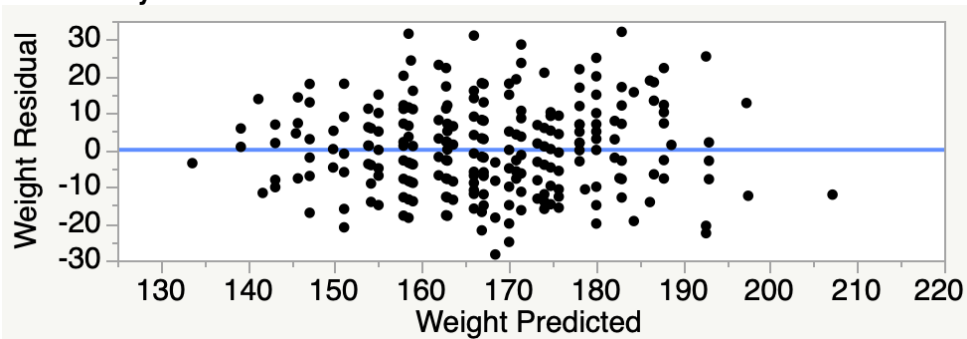


— Line of Fit for Pos[D]  
 — Line of Fit for Pos[F]  
 — Line of Fit for Pos[GK]  
 — Line of Fit for Pos[M]

Lack Of Fit

| Source      | DF  | Sum of Squares | Mean Square    | F Ratio            |
|-------------|-----|----------------|----------------|--------------------|
| Lack Of Fit | 43  | 5511.789       | 128.181        | 1.1076             |
| Pure Error  | 349 | 40390.378      | 115.732        | <b>Prob &gt; F</b> |
| Total Error | 392 | 45902.167      |                | 0.3045             |
|             |     |                | <b>Max RSq</b> |                    |
|             |     |                |                | 0.6014             |

Residual by Predicted Plot



### Summary of Fit

|                            |          |
|----------------------------|----------|
| RSquare                    | 0.54702  |
| RSquare Adj                | 0.538931 |
| Root Mean Square Error     | 10.82115 |
| Mean of Response           | 165.925  |
| Observations (or Sum Wgts) | 400      |

### Analysis of Variance

| Source   | DF  | Sum of Squares | Mean Square | F Ratio  |
|----------|-----|----------------|-------------|----------|
| Model    | 7   | 55431.58       | 7918.80     | 67.6258  |
| Error    | 392 | 45902.17       | 117.10      | Prob > F |
| C. Total | 399 | 101333.75      |             | <.0001*  |

### Parameter Estimates

| Term           | Estimate  | Std Error | t Ratio | Prob> t |
|----------------|-----------|-----------|---------|---------|
| Intercept      | -138.4028 | 17.35433  | -7.98   | <.0001* |
| Height         | 4.2887896 | 0.241976  | 17.72   | <.0001* |
| Pos[D]         | -0.778469 | 26.95259  | -0.03   | 0.9770  |
| Pos[F]         | 17.260244 | 28.62234  | 0.60    | 0.5468  |
| Pos[GK]        | -37.01547 | 37.79391  | -0.98   | 0.3280  |
| Height*Pos[D]  | 0.0248986 | 0.376874  | 0.07    | 0.9474  |
| Height*Pos[F]  | -0.244948 | 0.402584  | -0.61   | 0.5432  |
| Height*Pos[GK] | 0.5540527 | 0.520697  | 1.06    | 0.2880  |

### Effect Tests

| Source     | Nparm | DF | Sum of Squares | F Ratio  | Prob > F |
|------------|-------|----|----------------|----------|----------|
| Height     | 1     | 1  | 36785.083      | 314.1410 | <.0001*  |
| Pos        | 3     | 3  | 152.463        | 0.4340   | 0.7288   |
| Height*Pos | 3     | 3  | 187.144        | 0.5327   | 0.6601   |