Splus Output for LOWBIRTH WEIGHT DATA

*** Linear Model ***

Call: lm(formula = sbp ~ gestage + sex + gestage:sex, data =
LOWBWT, na.action = na.exclude)

Residuals:
Min 1Q Median 3Q Max
-23.24 -7.93 -0.6911 5.445 38.99

Coefficients:

                Value Std. Error t value Pr(>|t|)
(Intercept)     7.4020    13.8716    0.5336   0.5948
gestage         1.3761     0.4785     2.8760   0.0050
sex             -7.5785    13.8716    -0.5463   0.5861
gestage:sex     0.2857     0.4785     0.5972   0.5518

Residual standard error: 11.07 on 96 degrees of freedom
Multiple R-Squared: 0.08587
F-statistic: 3.006 on 3 and 96 degrees of freedom, the p-
value is 0.03412

Analysis of Variance Table

Response: sbp

Terms added sequentially (first to last)

       Df Sum of Sq Mean Sq F Value    Pr(F)
constraint 1 1016.41 1016.410  8.291641 0.0049111
sex        1    45.32   45.325  0.369751 0.5445759
constraint 1  43.71    43.712 0.356590 0.5518119
Residuals   96 11767.91  122.582

Overall ANOVA Table:

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<thead>
<tr>
<th>Source</th>
<th>df</th>
<th>SS</th>
<th>MS</th>
<th>F</th>
<th>p-value</th>
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<tbody>
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<td>Model</td>
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<td>Total</td>
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Overall F-test:

Adjusted R-Squared:

Individual T-Tests: