1. **Each row in the table below with a variable name has a missing value. Knowing**

**that [(n-1)/(n-k-1)] = 1.150819, find them (a)-(f) and show your work.**

You are looking at the relationship between rates of coronary heart disease and a bunch of independent variables. You run a regression in GRETL and get this output:

Model 1: OLS estimates using the 34 observations 1947-1980

Dependent variable: coronary heart disease (chd)

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Coefficient* | *Std. Error* | *t-ratio* |
| constant | 353.069 | (a) | 2.7027 |
| calories | -200.117 | 79.5741 | (b) |
| Unemployment | -0.490294 | 1.59299 | (c) |
| cigarettes | 14.7287 | (d) | 2.6450 |
| meat | 0.473788 | 0.240788 | (e) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mean dependent var | 354.8147 |  | S.D. dependent var | 14.94605 |
| Sum squared resid | 3164.641 |  | S.E. of regression | 10. 63122 |
| R-squared | 0.570703 |  | Adjusted R-squared | (f) |