| **Obs** | **Intercept** | **ltakers** | **takers** | **income** | **years** | **public** | **expend** | **rank** | **\_AIC\_** | **\_SBC\_** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | 399.11 | -38.1005 | . | . | 13.1473 | . | 3.99566 | 4.40028 | 309.068 | 318.527 |
| **2** | 291.16 | -31.1553 | . | 0.11347 | 13.4921 | . | 3.87179 | 5.06010 | 309.925 | 321.276 |
| **3** | 361.34 | -33.7251 | . | . | 12.1766 | -0.27850 | 4.14261 | 5.15830 | 310.653 | 322.004 |
| **4** | 402.44 | -36.9771 | -0.08090 | . | 13.2820 | . | 3.99403 | 4.31933 | 311.040 | 322.391 |
| **5** | 246.34 | -33.0356 | 0.28817 | 0.14812 | 13.1175 | . | 3.83978 | 5.54996 | 311.673 | 324.915 |
| **6** | 287.52 | -30.2149 | . | 0.10287 | 13.1074 | -0.10115 | 3.93673 | 5.27377 | 311.879 | 325.122 |
| **7** | 358.74 | -34.0081 | 0.03134 | . | 12.0906 | -0.28819 | 4.14836 | 5.21605 | 312.649 | 325.892 |
| **8** | 904.95 | -64.6310 | . | . | 7.8923 | . | 4.21669 | . | 312.711 | 320.278 |
| **9** | 786.66 | -51.5997 | . | . | . | . | 4.62631 | 2.51358 | 313.097 | 320.664 |
| **10** | 1028.58 | -66.1695 | . | . | . | . | 4.60492 | . | 313.136 | 318.812 |

Global model call: lm(formula = sat ~ takers + ltakers + income + years + public +

 expend + rank, data = sat, na.action = "na.fail")

---

Model selection table

 (Intrc) expnd incom ltkrs publc rank takrs years df logLik AIC delta weight

86 399.1 3.996 -38.10 4.400 13.150 6 -219.062 450.1 0.00 0.279

88 291.2 3.872 0.1135 -31.16 5.060 13.490 7 -218.491 451.0 0.86 0.182

94 361.3 4.143 -33.73 -0.2785 5.158 12.180 7 -218.854 451.7 1.58 0.126

118 402.4 3.994 -36.98 4.319 -0.08090 13.280 7 -219.048 452.1 1.97 0.104

120 246.3 3.840 0.1481 -33.04 5.550 0.28820 13.120 8 -218.364 452.7 2.60 0.076

96 287.5 3.937 0.1029 -30.21 -0.1011 5.274 13.110 8 -218.468 452.9 2.81 0.068

126 358.7 4.148 -34.01 -0.2882 5.216 0.03134 12.090 8 -218.853 453.7 3.58 0.047

70 904.9 4.217 -64.63 7.892 5 -221.883 453.8 3.64 0.045

22 786.7 4.626 -51.60 2.514 5 -222.076 454.2 4.03 0.037

6 1029.0 4.605 -66.17 4 -223.096 454.2 4.07 0.036

Models ranked by AIC(x)