Analysis of Deviance Table

Model 1: I(wage > 250) ~ year + education

Model 2: I(wage > 250) ~ year + age + education

Model 3: I(wage > 250) ~ year + s(age, 2) + education

Model 4: I(wage > 250) ~ year + s(age, 5) + education

Model 5: I(wage > 250) ~ year + s(age, 8) + education

Resid. Df Resid. Dev Df Deviance F Pr(>F)

1 2727 621.90

2 2726 615.76 1.0000 6.1409 6.1409 0.01321 \*

3 2725 609.49 1.0001 6.2652 6.2648 0.01231 \*

4 2722 602.46 2.9999 7.0318 2.3441 0.07088 .

5 2719 600.76 2.9998 1.7029 0.5677 0.63626

---

Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1