

## Übungsblatt 12 - Output Aufgabe 4

```
Call:
lm(formula = kultur ~ geschlecht + alter + gehalt_kat,
    data = theater)

Residuals:
    Min       1Q   Median       3Q      Max
-147.94  -30.22   -3.72   26.30  410.81

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)    167.2709     6.7061  24.943  <2e-16 ***
geschlechtweiblich -8.0424     3.9764  -2.023  0.0435 *
alter           1.2298     0.1373   8.960  <2e-16 ***
gehalt_kat60-70   4.0833     5.6516   0.723  0.4702
gehalt_kat70-80   8.1087     6.1673   1.315  0.1890
gehalt_kat80-90  12.7834     7.3961   1.728  0.0844 .
gehalt_kat>90    11.9453     7.9265   1.507  0.1323
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 48.48 on 692 degrees of freedom
Multiple R-squared:  0.1317,    Adjusted R-squared:  0.1241
F-statistic: 17.49 on 6 and 692 DF,  p-value: < 2.2e-16
```