regLog

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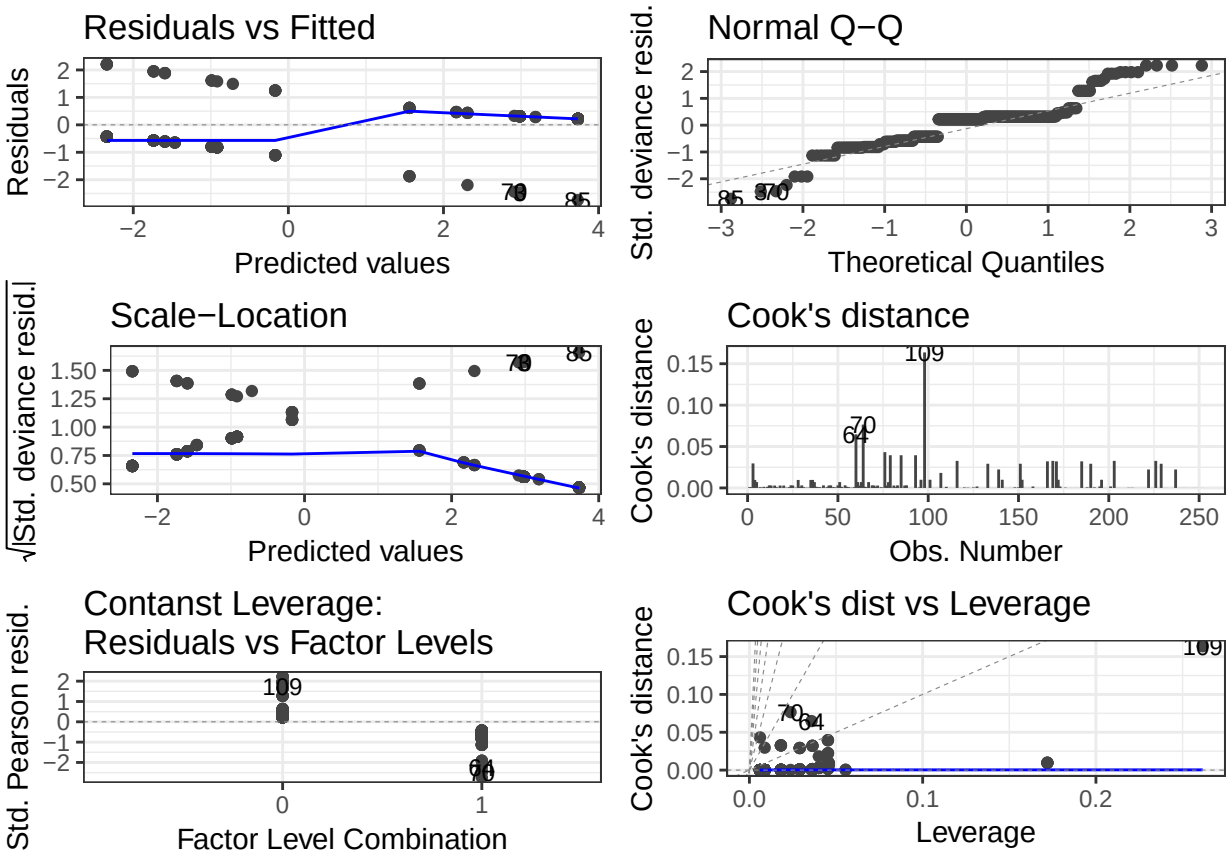
regLog

Computes a Logistic Regression (Logit).

regLog ill ~ill tira+wmousse+dmousse+mousse+beer

```
reg <- regLog(DF, ill, "tira+wmousse+dmousse+mousse+beer")
```

```
##
## Call:
## glm(formula = ill ~ tira + wmousse + dmousse + mousse + beer,
##     family = binomial(logit), data = .df)
##
## Deviance Residuals:
##     Min       1Q   Median       3Q      Max
## -2.7409  -0.5692   0.2175   0.3142   2.2060
##
## Coefficients:
##             Estimate Std. Error z value Pr(>|z|)
## (Intercept)  2.98384    0.43873   6.801 1.04e-11 ***
## tira        -3.90253    0.50260  -7.765 8.19e-15 ***
## wmousse     -0.60325    0.60440  -0.998   0.3182
## dmousse     -0.87665    1.13516  -0.772   0.4400
## mousse       0.05733    1.27476   0.045   0.9641
## beer         0.74870    0.43822   1.709   0.0875 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##     Null deviance: 330.77  on 251  degrees of freedom
## Residual deviance: 153.18  on 246  degrees of freedom
##   (39 observations deleted due to missingness)
## AIC: 165.18
##
## Number of Fisher Scoring iterations: 5
```


Residuals vs Fitted
Residuals
Predicted values
Normal Q−Q
Std. deviance resid.
Theoretical Quantiles
Scale−Location
√|Std. deviance resid.|
Predicted values
Cook's distance
Cook's distance
Obs. Number
Contanst Leverage:
Residuals vs Factor Levels
Std. Pearson resid.
Factor Level Combination
Cook's dist vs Leverage
Cook's distance
Leverage