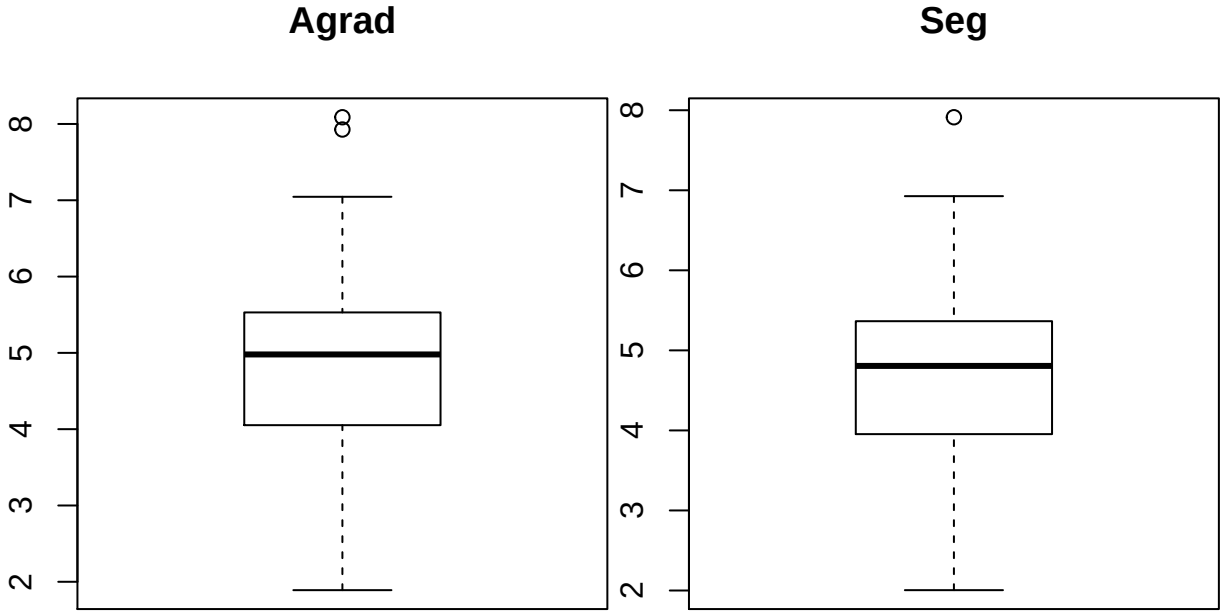
Moran_Corr_Reg

Moran Geral (simulações)

Pos

```
## [1] "Agradável"
## [1] "Spearman red (p.value rho)"
## [1] "0.800751334931421   -0.0255145514551455"
## [1] "Spearman green"
## [1] "0.363152763479011   0.0917851785178518"
## [1] "Spearman blue"
## [1] "0.558525995353237   0.0591059105910591"
## [1] "Spearman diag"

## Warning in cor.test.default(dataAgrad$qscore, dataAgrad$diag, method =
## "spearman"): Cannot compute exact p-value with ties

## [1] "0.0144726933551139   -0.243892817270844"
## [1] "Spearman hor"

## Warning in cor.test.default(dataAgrad$qscore, dataAgrad$hor, method =
## "spearman"): Cannot compute exact p-value with ties

## [1] "0.47005062035536   -0.0730616085741104"
## [1] "Spearman ver"

## Warning in cor.test.default(dataAgrad$qscore, dataAgrad$ver, method =
## "spearman"): Cannot compute exact p-value with ties

## [1] "0.143883537526931   -0.147201353199184"
## [1] "Kendall red"
## [1] "0.881627933427547   -0.0101010101010101"
## [1] "Kendall green"
## [1] "0.331614974894427   0.0658585858585859"
## [1] "Kendall blue"
## [1] "0.55941483904054   0.0395959595959596"
## [1] "Kendall diag"
## [1] "0.0160377931823298   -0.16798909662299"
## [1] "Kendall hor"
## [1] "0.483930378426354   -0.0476628816419156"
## [1] "Kendall ver"
## [1] "0.135654726506175   -0.104132371695493"

## [1] "Segurança"
## [1] "Spearman red (p.value rho)"
## [1] "0.284781269413176   0.113202739289696"
## [1] "Spearman green"
## [1] "0.0614226019386618   0.196958114349419"
## [1] "Spearman blue"
## [1] "0.0495947887531634   0.206593406593407"
## [1] "Spearman diag"
```

```
## Warning in cor.test.default(dataSeg$qscore, dataSeg$diag, method =
## "spearman"): Cannot compute exact p-value with ties

## [1] "0.367736019159289   -0.0955257178905434"
## [1] "Spearman hor"

## Warning in cor.test.default(dataSeg$qscore, dataSeg$hor, method =
## "spearman"): Cannot compute exact p-value with ties

## [1] "0.0284134142965963   0.229827296099603"
## [1] "Spearman ver"

## Warning in cor.test.default(dataSeg$qscore, dataSeg$ver, method =
## "spearman"): Cannot compute exact p-value with ties

## [1] "0.218026361220384   -0.130377354511291"
## [1] "Kendall red"
## [1] "0.283251036294993   0.0764346764346764"
## [1] "Kendall green"
## [1] "0.0636408534854387   0.132112332112332"
## [1] "Kendall blue"
## [1] "0.0598205873394848   0.134065934065934"
## [1] "Kendall diag"
## [1] "0.387276577767187   -0.0633710192693113"
## [1] "Kendall hor"
## [1] "0.0380266334801129   0.148358326865419"
## [1] "Kendall ver"
## [1] "0.216260663811126   -0.0908043001489258"

## pdf
##   2
```

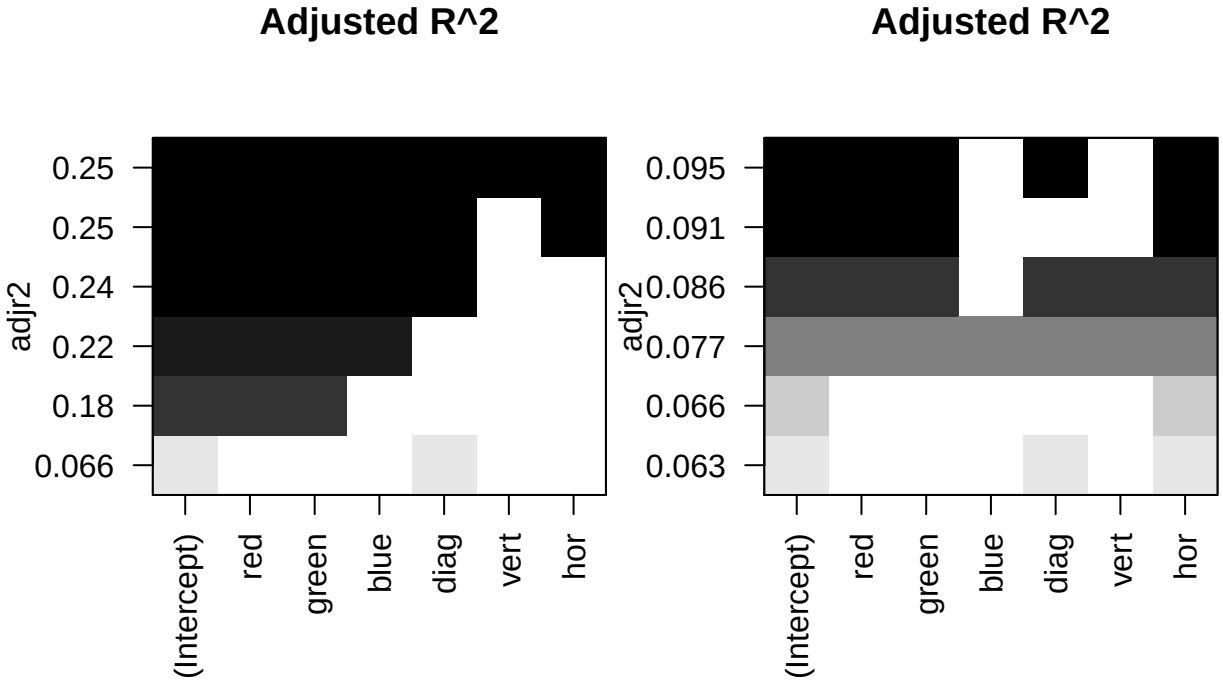


Regressões

Geral

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    4.565124    -0.197583     0.259851    -0.061956    -0.019681
##         hor         vert
##   -0.004546     0.010199
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.93197 -0.63625 -0.00591  0.57734  2.00778
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.565124   1.286860   3.547 0.000592 ***
## red         -0.197583   0.037432  -5.278 7.48e-07 ***
## green        0.259851   0.060827   4.272 4.39e-05 ***
## blue        -0.061956   0.034727  -1.784 0.077408 .
## diag        -0.019681   0.008539  -2.305 0.023226 *
## hor         -0.004546   0.002435  -1.867 0.064826 .
## vert         0.010199   0.008774   1.163 0.247771
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.8085 on 101 degrees of freedom
## Multiple R-squared:  0.2943, Adjusted R-squared:  0.2524
## F-statistic:  7.02 on 6 and 101 DF,  p-value: 2.911e-06

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##   4.4248621   -0.0634971    0.0588394    0.0035299    0.0070742
##         hor         vert
##   0.0047938    0.0009279
##
```

```
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.21984 -0.48741  0.04953  0.44608  1.34158
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.4248621  1.0175049   4.349 3.28e-05 ***
## red         -0.0634971  0.0295973  -2.145   0.0343 *
## green        0.0588394  0.0480956   1.223   0.2240
## blue         0.0035299  0.0274580   0.129   0.8980
## diag         0.0070742  0.0067520   1.048   0.2973
## hor          0.0047938  0.0019253   2.490   0.0144 *
## vert         0.0009279  0.0069373   0.134   0.8939
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.6393 on 101 degrees of freedom
## Multiple R-squared:  0.1287, Adjusted R-squared:  0.07694
## F-statistic: 2.486 on 6 and 101 DF,  p-value: 0.02764
```

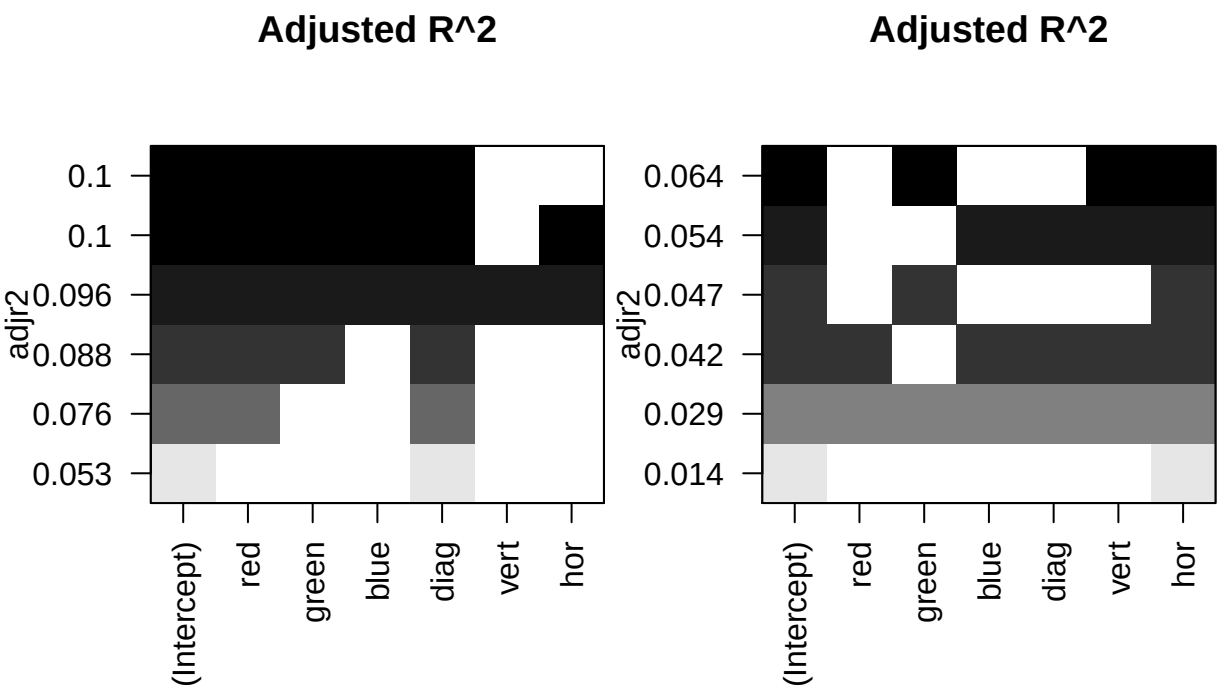


Adulto

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
```

```
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    7.991203    -0.237902     0.370065    -0.165281    -0.037364
##         hor         vert
##    0.004195     0.009702
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.4544 -1.3351 -0.0421  1.2140  3.8318
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  7.991203   2.933328   2.724  0.00766 **
## red         -0.237902   0.092848  -2.562  0.01195 *
## green        0.370065   0.160185   2.310  0.02302 *
## blue        -0.165281   0.091936  -1.798  0.07535 .
## diag        -0.037364   0.019894  -1.878  0.06340 .
## hor          0.004195   0.005544   0.757  0.45114
## vert         0.009702   0.021232   0.457  0.64873
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.819 on 96 degrees of freedom
## Multiple R-squared:  0.1495, Adjusted R-squared:  0.09634
## F-statistic: 2.812 on 6 and 96 DF,  p-value: 0.01451

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    9.747551    -0.009046    -0.010505    -0.024777     0.007828
##         hor         vert
##    0.014354    -0.037825
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.9313 -1.2267  0.1173  1.0785  3.3969
##
```

```
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  9.747551   3.355016   2.905  0.00484 **
## red         -0.009046   0.104729  -0.086  0.93140
## green       -0.010505   0.151462  -0.069  0.94489
## blue        -0.024777   0.082274  -0.301  0.76414
## diag         0.007828   0.020686   0.378  0.70618
## hor          0.014354   0.005910   2.429  0.01758 *
## vert        -0.037825   0.024013  -1.575  0.11948
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.67 on 74 degrees of freedom
## Multiple R-squared:  0.1019, Adjusted R-squared:  0.02906
## F-statistic: 1.399 on 6 and 74 DF,  p-value: 0.2265
```

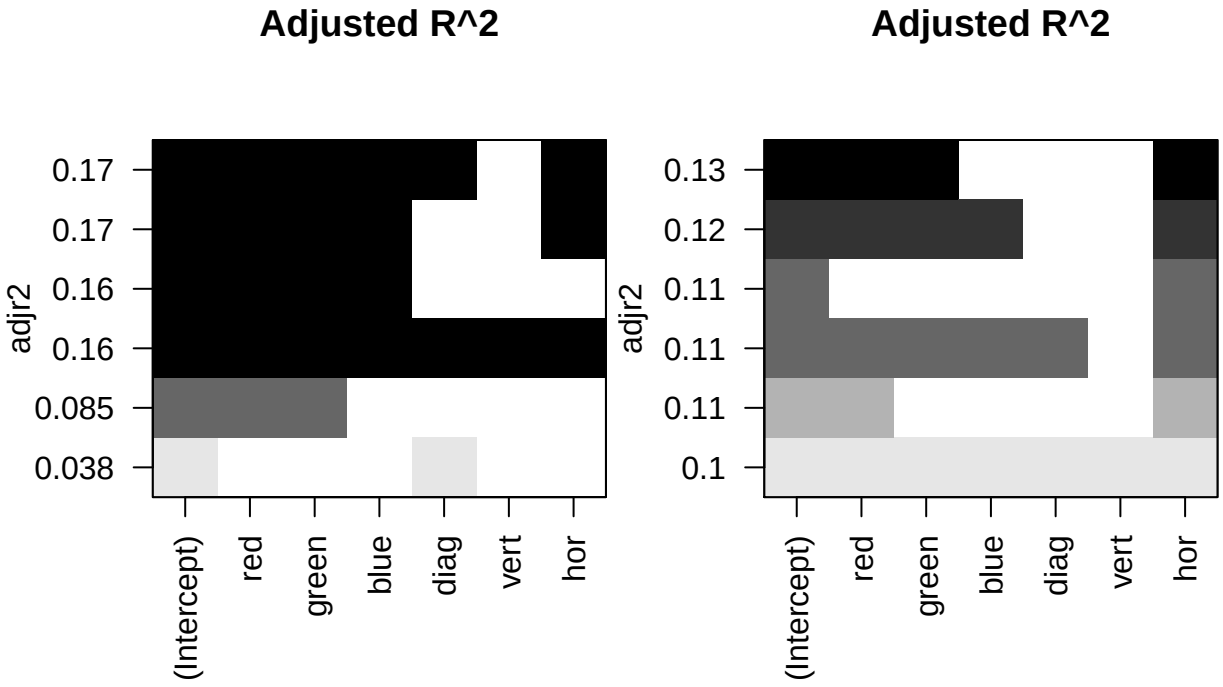


Jovem

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##   2.9121900   -0.2092158    0.3558928   -0.1355609   -0.0124690
##         hor         vert
##  -0.0038429   -0.0003493
##
##
```

```
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.2971 -0.5619 -0.0061  0.5062  2.7577
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)  2.9121900  1.6784003   1.735 0.085932 .
## red         -0.2092158  0.0531258  -3.938 0.000156 ***
## green        0.3558928  0.0916553   3.883 0.000189 ***
## blue        -0.1355609  0.0526040  -2.577 0.011488 *
## diag        -0.0124690  0.0113833  -1.095 0.276091
## hor         -0.0038429  0.0031721  -1.211 0.228697
## vert        -0.0003493  0.0121487  -0.029 0.977119
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.041 on 96 degrees of freedom
## Multiple R-squared:  0.2091, Adjusted R-squared:  0.1596
## F-statistic: 4.229 on 6 and 96 DF,  p-value: 0.0008053

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    4.491515    -0.090704     0.116020    -0.028970     0.006509
##         hor         vert
##    0.008473     0.003860
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.87761 -0.47441 -0.03708  0.50024  2.37409
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.491515   1.629708   2.756  0.00736 **
## red         -0.090704   0.050872  -1.783  0.07869 .
## green        0.116020   0.073573   1.577  0.11908
## blue        -0.028970   0.039965  -0.725  0.47080
## diag         0.006509   0.010048   0.648  0.51914
## hor          0.008473   0.002871   2.951  0.00424 **
## vert         0.003860   0.011665   0.331  0.74163
```

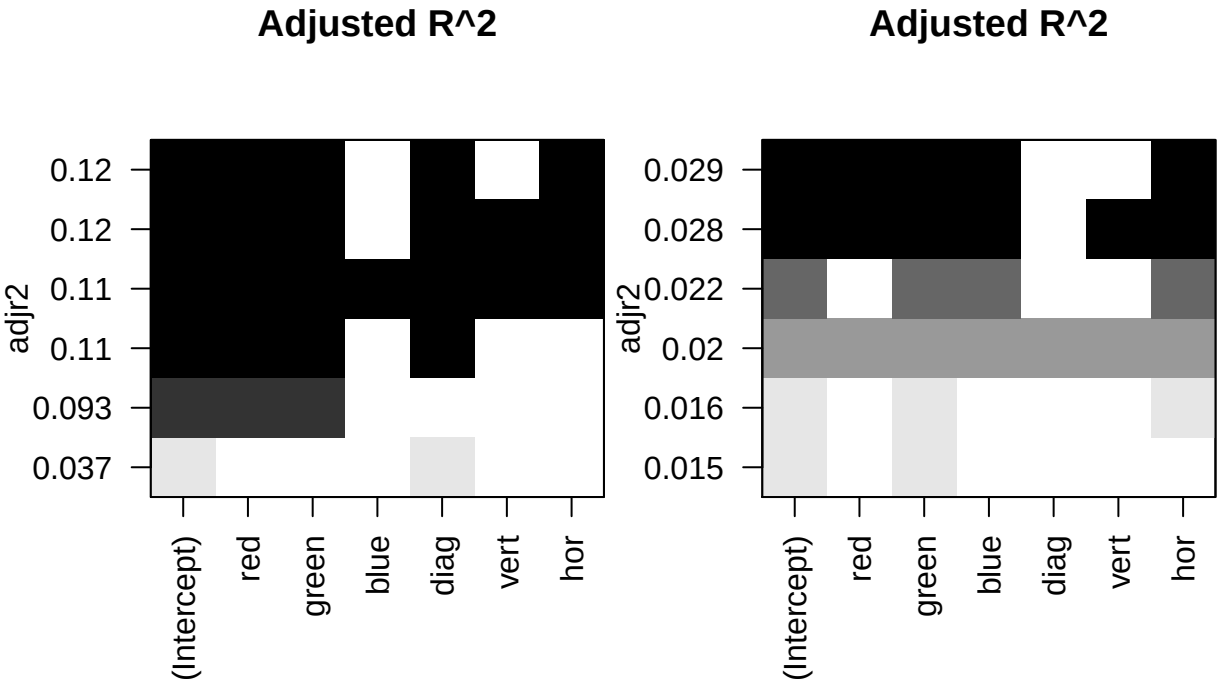
```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.811 on 74 degrees of freedom
## Multiple R-squared:  0.1707, Adjusted R-squared:  0.1035
## F-statistic: 2.539 on 6 and 74 DF,  p-value: 0.02727
```



Baixa

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    4.983040    -0.173401     0.201460    -0.028102    -0.020647
##         hor         vert
##   -0.005034     0.009207
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.1864 -0.6211 -0.0344  0.6647  2.4449
##
## Coefficients:
```

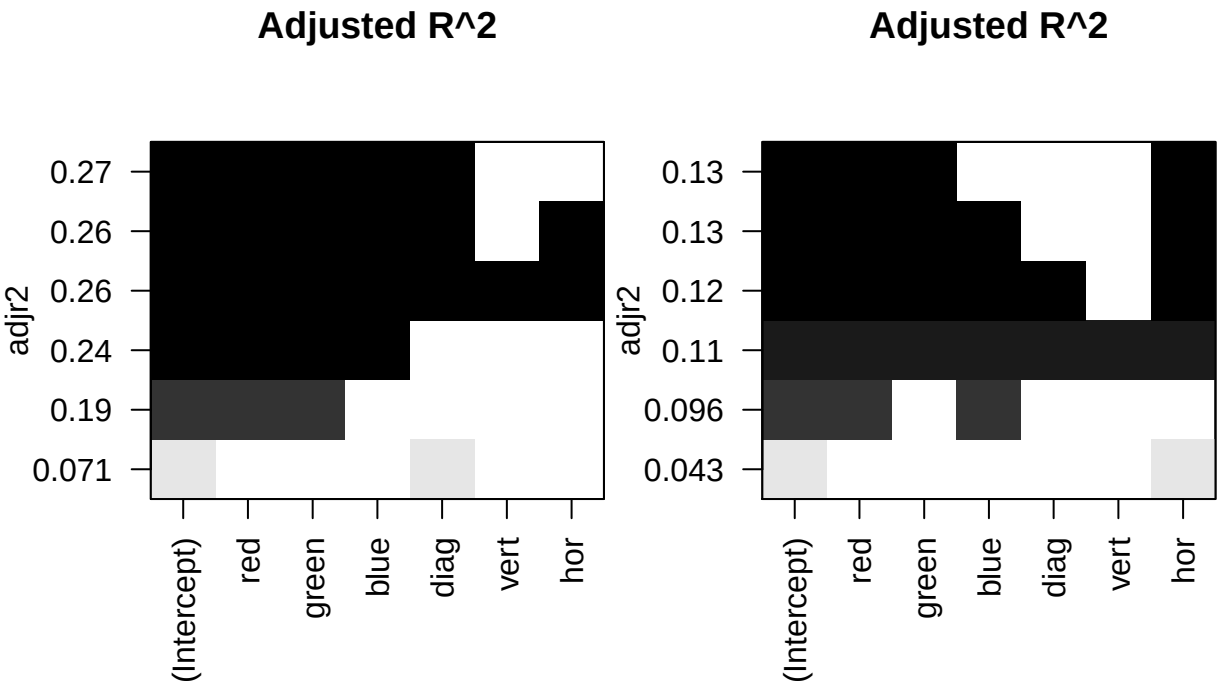
```
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.983040   1.735590   2.871 0.004984 **
## red         -0.173401   0.050485  -3.435 0.000862 ***
## green        0.201460   0.082038   2.456 0.015769 *
## blue        -0.028102   0.046836  -0.600 0.549839
## diag        -0.020647   0.011517  -1.793 0.076007 .
## hor         -0.005034   0.003284  -1.533 0.128399
## vert         0.009207   0.011833   0.778 0.438353
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.09 on 101 degrees of freedom
## Multiple R-squared:  0.1637, Adjusted R-squared:  0.114
## F-statistic: 3.294 on 6 and 101 DF,  p-value: 0.005302

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    1.387015    -0.068722     0.161543    -0.072663    -0.005209
##         hor         vert
##    0.003261     0.011544
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.0242 -0.6455  0.1965  0.5617  3.2912
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  1.387015   1.724431   0.804   0.4231
## red         -0.068722   0.050160  -1.370   0.1737
## green        0.161543   0.081511   1.982   0.0502 .
## blue        -0.072663   0.046535  -1.561   0.1215
## diag        -0.005209   0.011443  -0.455   0.6499
## hor          0.003261   0.003263   0.999   0.3200
## vert         0.011544   0.011757   0.982   0.3285
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.083 on 101 degrees of freedom
## Multiple R-squared:  0.07495,    Adjusted R-squared:  0.01999
## F-statistic: 1.364 on 6 and 101 DF,  p-value: 0.2365
```



Media

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    3.706588    -0.246277     0.348010    -0.097033    -0.021698
##         hor         vert
##   -0.002651     0.003931
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.25839 -0.64907 -0.00054  0.69022  2.70873
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  3.706588   1.561342   2.374   0.0195 *
## red         -0.246277   0.045416  -5.423 4.02e-07 ***
## green        0.348010   0.073802   4.715 7.75e-06 ***
## blue        -0.097033   0.042134  -2.303   0.0233 *
## diag        -0.021698   0.010361  -2.094   0.0387 *
## hor         -0.002651   0.002954  -0.897   0.3716
```

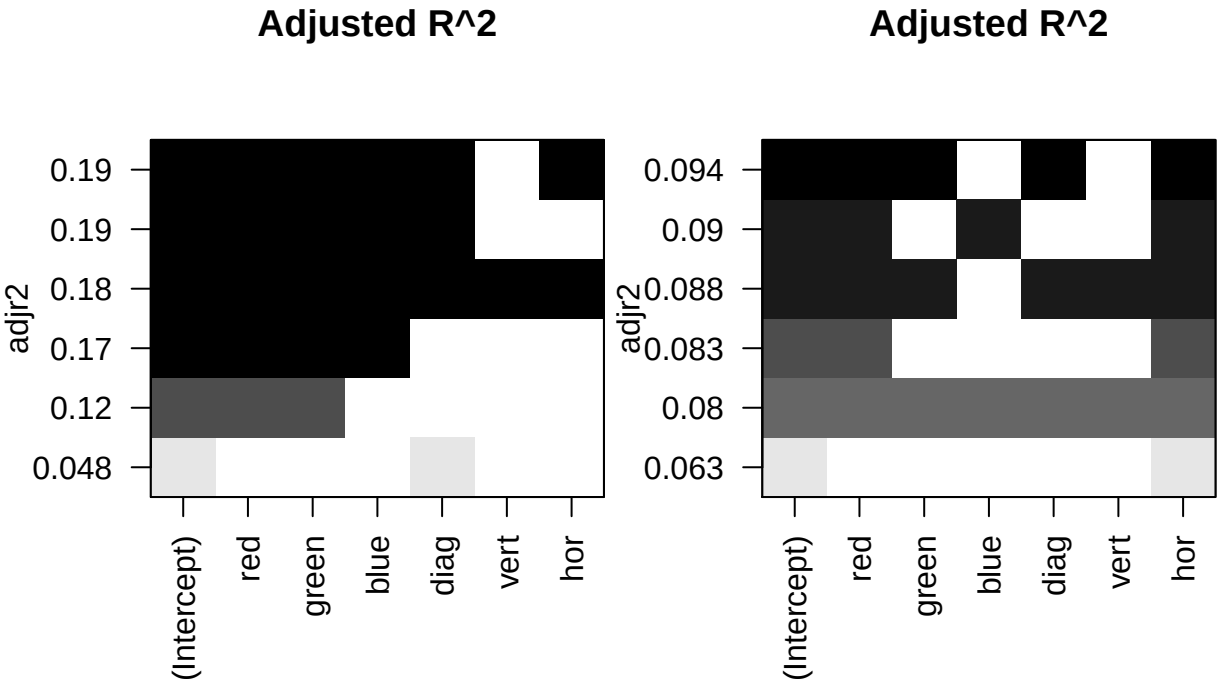
```
## vert         0.003931   0.010645   0.369   0.7127
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.981 on 101 degrees of freedom
## Multiple R-squared:  0.2982, Adjusted R-squared:  0.2565
## F-statistic: 7.153 on 6 and 101 DF,  p-value: 2.254e-06

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    5.890150    -0.137773     0.097794     0.028414     0.003504
##         hor         vert
##    0.006073    -0.001116
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.1134 -0.6446  0.1076  0.6574  2.3050
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  5.890150   1.542572   3.818 0.000232 ***
## red         -0.137773   0.044870  -3.070 0.002746 **
## green        0.097794   0.072915   1.341 0.182860
## blue         0.028414   0.041627   0.683 0.496441
## diag         0.003504   0.010236   0.342 0.732828
## hor          0.006073   0.002919   2.081 0.040005 *
## vert        -0.001116   0.010517  -0.106 0.915737
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.9692 on 101 degrees of freedom
## Multiple R-squared:  0.1607, Adjusted R-squared:  0.1108
## F-statistic: 3.223 on 6 and 101 DF,  p-value: 0.006146
```



Feminino

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    5.126937    -0.228844     0.331050    -0.107171    -0.018710
##         hor         vert
##   -0.003909    -0.004145
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.63807 -0.74612 -0.02852  0.75888  2.75349
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  5.126937   1.838288   2.789 0.006320 **
## red         -0.228844   0.053472  -4.280 4.26e-05 ***
## green        0.331050   0.086892   3.810 0.000239 ***
## blue        -0.107171   0.049607  -2.160 0.033108 *
## diag        -0.018710   0.012199  -1.534 0.128200
## hor         -0.003909   0.003478  -1.124 0.263713
```

```
## vert        -0.004145   0.012533  -0.331 0.741569
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.155 on 101 degrees of freedom
## Multiple R-squared:  0.2299, Adjusted R-squared:  0.1841
## F-statistic: 5.025 on 6 and 101 DF,  p-value: 0.0001519

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    7.167908    -0.075625     0.033743     0.018246     0.015939
##         hor         vert
##    0.010028    -0.007574
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.68444 -0.57724 -0.02904  0.68048  2.98733
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  7.167908   1.845112   3.885 0.000187 ***
## red         -0.075625   0.051400  -1.471 0.144448
## green        0.033743   0.083970   0.402 0.688678
## blue         0.018246   0.048206   0.378 0.705893
## diag         0.015939   0.011794   1.351 0.179689
## hor          0.010028   0.003379   2.967 0.003782 **
## vert        -0.007574   0.012117  -0.625 0.533408
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.108 on 97 degrees of freedom
## Multiple R-squared:  0.1338, Adjusted R-squared:  0.08019
## F-statistic: 2.497 on 6 and 97 DF,  p-value: 0.02736
```

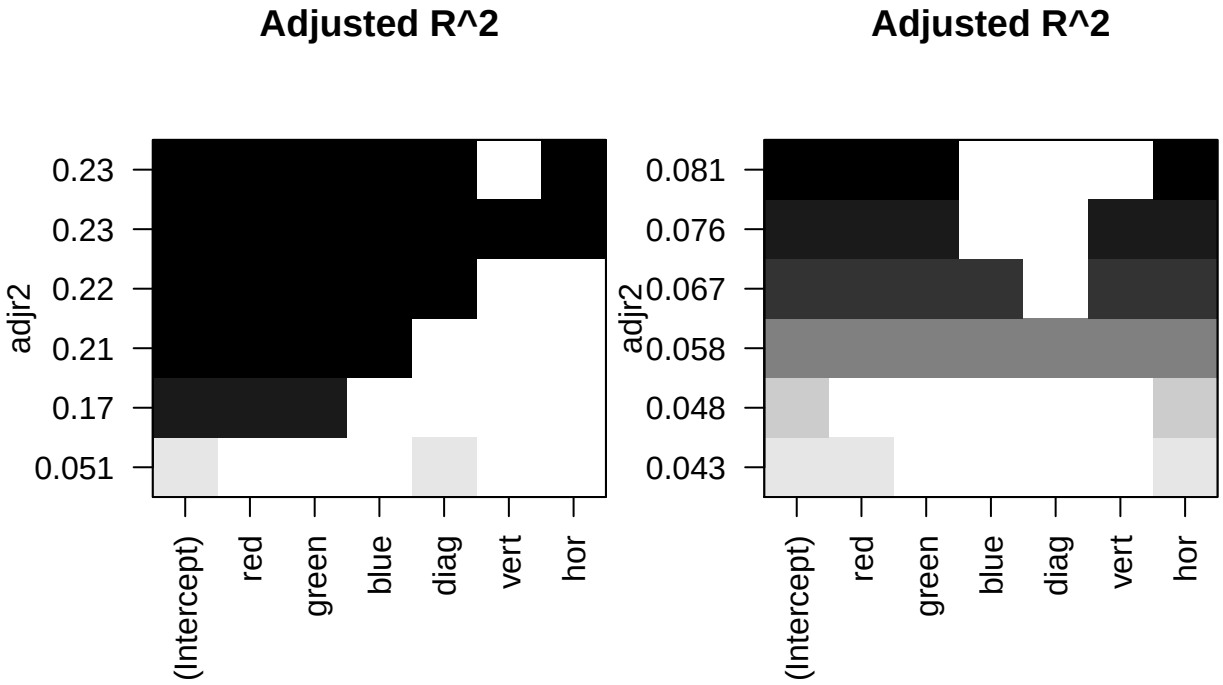


Masculino

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    4.455848    -0.215464     0.285074    -0.068810    -0.017636
##         hor         vert
##   -0.004116     0.007195
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.10546 -0.65448 -0.03533  0.68241  2.16607
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.455848   1.442091   3.090  0.00259 **
## red         -0.215464   0.041948  -5.136 1.37e-06 ***
## green        0.285074   0.068165   4.182 6.16e-05 ***
## blue        -0.068810   0.038916  -1.768  0.08005 .
## diag        -0.017636   0.009569  -1.843  0.06827 .
## hor         -0.004116   0.002729  -1.508  0.13457
```

```
## vert         0.007195   0.009832   0.732  0.46600
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.906 on 101 degrees of freedom
## Multiple R-squared:  0.2693, Adjusted R-squared:  0.2259
## F-statistic: 6.203 on 6 and 101 DF,  p-value: 1.434e-05
```

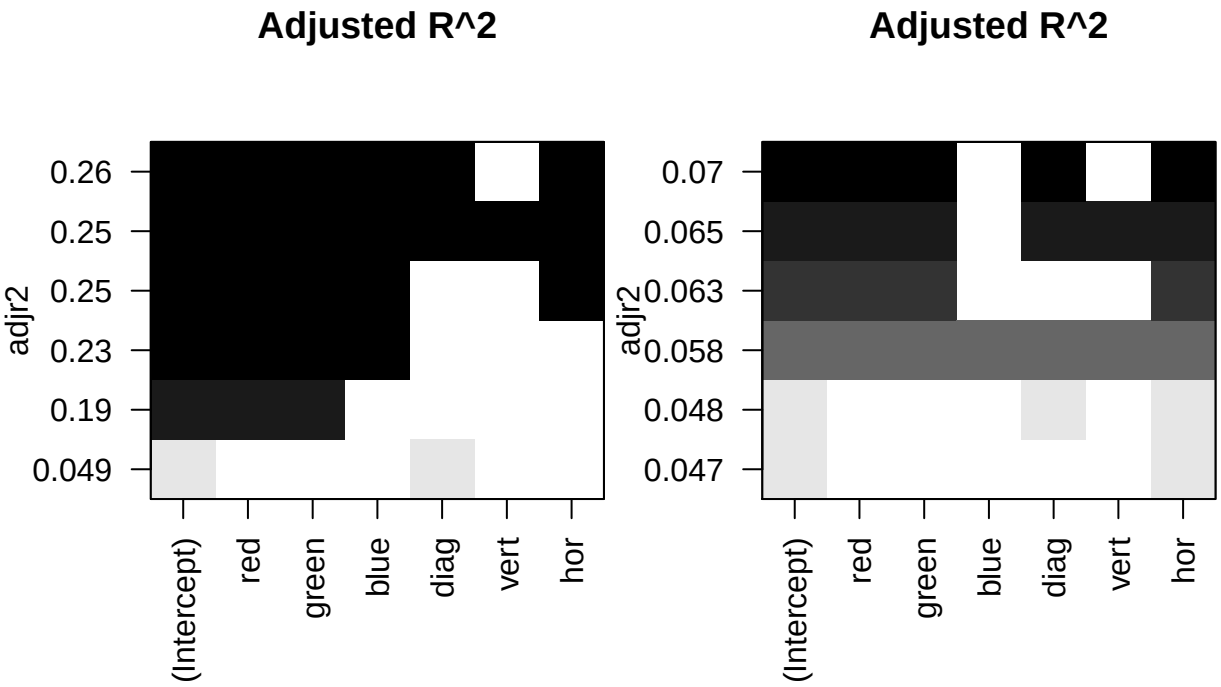
```
## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    4.681363    -0.082593     0.091197    -0.012000     0.002327
##         hor         vert
##    0.004800     0.004466
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.85671 -0.51575  0.08357  0.54590  1.46146
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.681363   1.223179   3.827  0.00023 ***
## red         -0.082593   0.034075  -2.424  0.01721 *
## green        0.091197   0.055666   1.638  0.10460
## blue        -0.012000   0.031957  -0.375  0.70811
## diag         0.002327   0.007818   0.298  0.76665
## hor          0.004800   0.002240   2.143  0.03465 *
## vert         0.004466   0.008033   0.556  0.57951
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.7345 on 97 degrees of freedom
## Multiple R-squared:  0.1133, Adjusted R-squared:  0.0584
## F-statistic: 2.065 on 6 and 97 DF,  p-value: 0.06435
```



Solteiro

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##   3.4222722   -0.2211237    0.3066778   -0.0772798   -0.0143422
##         hor         vert
##  -0.0043441    0.0002473
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.07464 -0.65480  0.03152  0.64451  2.17335
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)  3.4222722  1.4311292   2.391   0.0187 *
## red         -0.2211237  0.0416967  -5.303 6.83e-07 ***
## green        0.3066778  0.0681433   4.500 1.83e-05 ***
## blue        -0.0772798  0.0389783  -1.983   0.0502 .
## diag        -0.0143422  0.0096631  -1.484   0.1409
## hor         -0.0043441  0.0027206  -1.597   0.1135
```

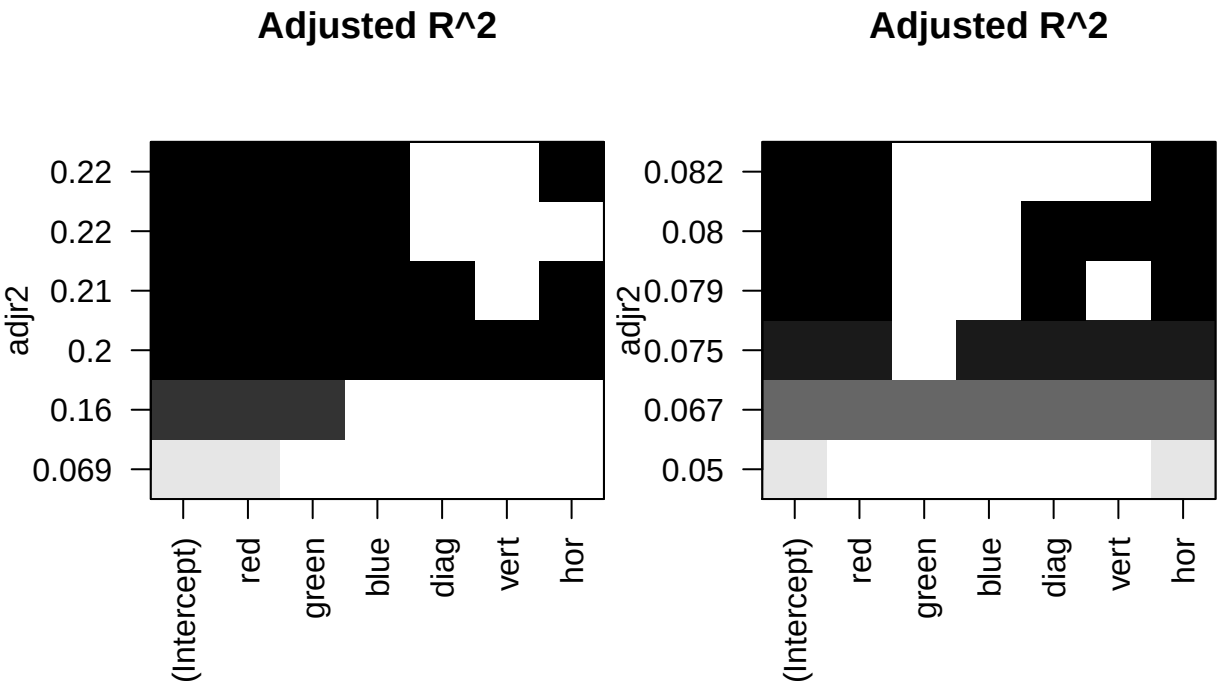
```
## vert         0.0002473  0.0104396   0.024   0.9812
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.8982 on 100 degrees of freedom
## Multiple R-squared:  0.2914, Adjusted R-squared:  0.2488
## F-statistic: 6.853 on 6 and 100 DF,  p-value: 4.111e-06

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    3.297596    -0.072185     0.094480    -0.015913     0.009205
##         hor         vert
##    0.004423     0.005549
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.93566 -0.56810  0.03265  0.52982  1.48095
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  3.297596   1.198963   2.750  0.00707 **
## red         -0.072185   0.037002  -1.951  0.05388 .
## green        0.094480   0.059462   1.589  0.11524
## blue        -0.015913   0.032861  -0.484  0.62925
## diag         0.009205   0.007998   1.151  0.25253
## hor          0.004423   0.002268   1.950  0.05393 .
## vert         0.005549   0.008206   0.676  0.50051
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.753 on 100 degrees of freedom
## Multiple R-squared:  0.111,  Adjusted R-squared:  0.05761
## F-statistic:  2.08 on 6 and 100 DF,  p-value: 0.06215
```



Casado

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    8.007985    -0.299523     0.411360    -0.142434    -0.006573
##         hor         vert
##   -0.004089    -0.004533
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.2941 -0.8104 -0.0341  0.8492  3.0323
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  8.007985   2.198076   3.643 0.000429 ***
## red         -0.299523   0.064042  -4.677 9.13e-06 ***
## green        0.411360   0.104661   3.930 0.000156 ***
## blue        -0.142434   0.059867  -2.379 0.019249 *
## diag        -0.006573   0.014842  -0.443 0.658808
## hor         -0.004089   0.004179  -0.979 0.330123
```

```
## vert        -0.004533   0.016034  -0.283 0.777986
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.38 on 100 degrees of freedom
## Multiple R-squared:  0.2491, Adjusted R-squared:  0.2041
## F-statistic: 5.529 on 6 and 100 DF,  p-value: 5.562e-05

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##     9.14669     -0.04259     -0.03505      0.04001      0.01510
##         hor         vert
##     0.01250     -0.01534
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.9251 -0.9886 -0.1052  0.8775  3.5513
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  9.146688   2.293825   3.988 0.000127 ***
## red         -0.042592   0.070792  -0.602 0.548770
## green       -0.035052   0.113761  -0.308 0.758630
## blue         0.040009   0.062868   0.636 0.525976
## diag         0.015101   0.015302   0.987 0.326103
## hor          0.012497   0.004339   2.880 0.004861 **
## vert        -0.015336   0.015700  -0.977 0.331013
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.441 on 100 degrees of freedom
## Multiple R-squared:  0.1195, Adjusted R-squared:  0.06671
## F-statistic: 2.263 on 6 and 100 DF,  p-value: 0.04334
```

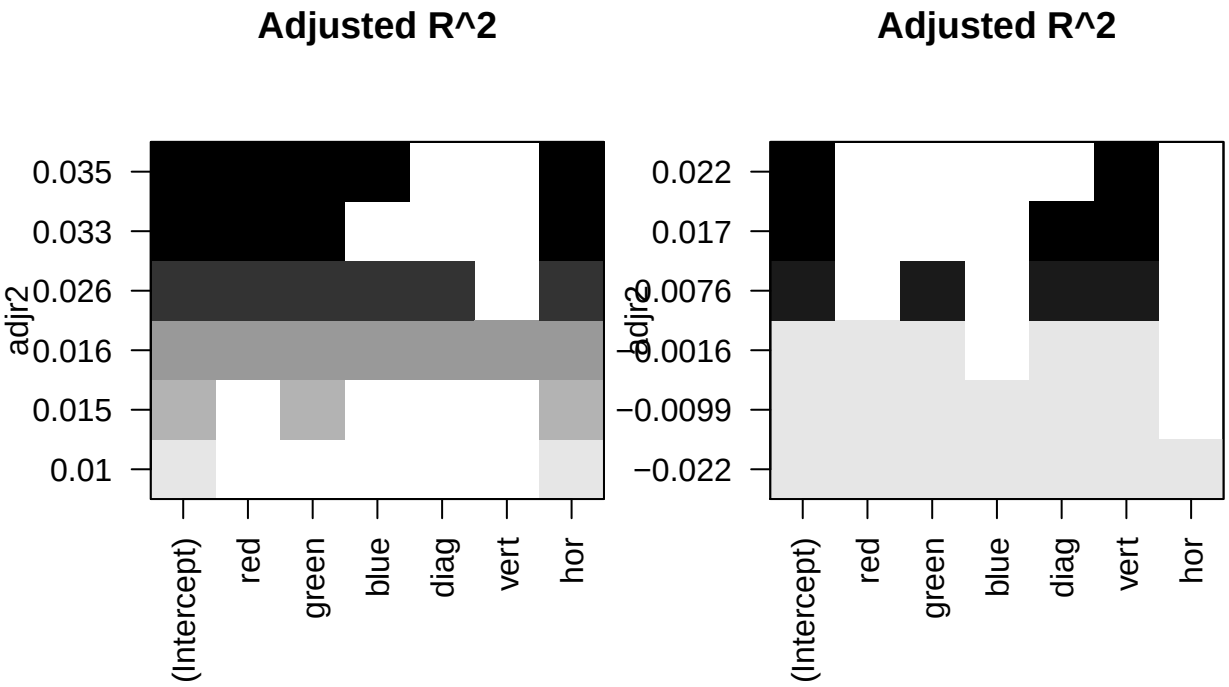


Medio

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    2.440587    -0.137821     0.228698    -0.070668    -0.006878
##         hor         vert
##   -0.007701     0.001301
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##    Min     1Q Median     3Q    Max
## -3.718 -1.004 -0.140  1.124  3.139
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  2.440587   2.849298   0.857   0.3939
## red         -0.137821   0.076704  -1.797   0.0756 .
## green        0.228698   0.124862   1.832   0.0702 .
## blue        -0.070668   0.071744  -0.985   0.3272
## diag        -0.006878   0.017731  -0.388   0.6990
## hor         -0.007701   0.005303  -1.452   0.1498
```

```
## vert         0.001301   0.018285   0.071   0.9434
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.647 on 93 degrees of freedom
## Multiple R-squared:  0.07565,    Adjusted R-squared:  0.01602
## F-statistic: 1.269 on 6 and 93 DF,  p-value: 0.2794
```

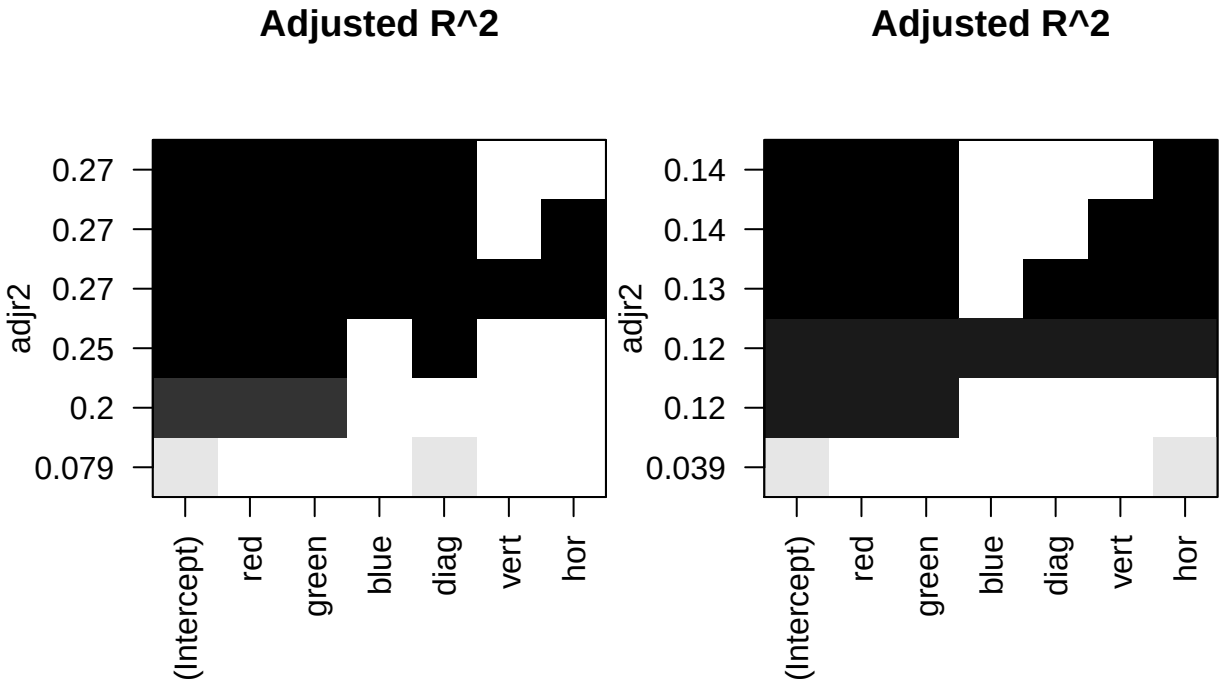
```
## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##   3.2294573   -0.0461779    0.0924572   -0.0360766   -0.0105836
##         hor         vert
##  -0.0009177    0.0356284
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -3.1191 -0.8296 -0.0020  0.8578  3.4956
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  3.2294573  2.9317526   1.102    0.274
## red         -0.0461779  0.0764768  -0.604    0.548
## green        0.0924572  0.1289017   0.717    0.475
## blue        -0.0360766  0.0736065  -0.490    0.625
## diag        -0.0105836  0.0174943  -0.605    0.547
## hor         -0.0009177  0.0052958  -0.173    0.863
## vert         0.0356284  0.0192024   1.855    0.067 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 1.559 on 84 degrees of freedom
## Multiple R-squared:  0.0465, Adjusted R-squared:  -0.02161
## F-statistic: 0.6828 on 6 and 84 DF,  p-value: 0.664
```



Casado

```
## [1] ">>>> Regressao Agradavel: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    4.121464    -0.244851     0.329768    -0.082333    -0.024031
##         hor         vert
##   -0.003141     0.005015
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.3016 -0.6249  0.0310  0.7167  2.6993
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.121464   1.708494   2.412   0.0178 *
## red         -0.244851   0.045993  -5.324 7.02e-07 ***
## green        0.329768   0.074870   4.405 2.83e-05 ***
## blue        -0.082333   0.043019  -1.914   0.0587 .
## diag        -0.024031   0.010632  -2.260   0.0261 *
## hor         -0.003141   0.003180  -0.988   0.3259
```

```
## vert         0.005015   0.010964   0.457   0.6485
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.9878 on 93 degrees of freedom
## Multiple R-squared:  0.3116, Adjusted R-squared:  0.2672
## F-statistic: 7.016 on 6 and 93 DF,  p-value: 3.539e-06

## [1] ">>>> Regressao Seguro: qscore = red + green + blue + diag + hor + vert"
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Coefficients:
## (Intercept)          red        green         blue         diag
##    3.751992    -0.150906     0.165828    -0.012440     0.006115
##         hor         vert
##    0.006622    -0.008470
##
##
## Call:
## lm(formula = qscore ~ red + green + blue + diag + hor + vert,
##     data = dados)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.04358 -0.62357  0.08672  0.58989  2.40304
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  3.751992   1.822709   2.058   0.0426 *
## red         -0.150906   0.047547  -3.174   0.0021 **
## green        0.165828   0.080140   2.069   0.0416 *
## blue        -0.012440   0.045762  -0.272   0.7864
## diag         0.006115   0.010876   0.562   0.5754
## hor          0.006622   0.003292   2.011   0.0475 *
## vert        -0.008470   0.011938  -0.709   0.4800
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.969 on 84 degrees of freedom
## Multiple R-squared:  0.1784, Adjusted R-squared:  0.1197
## F-statistic:  3.04 on 6 and 84 DF,  p-value: 0.009687
```

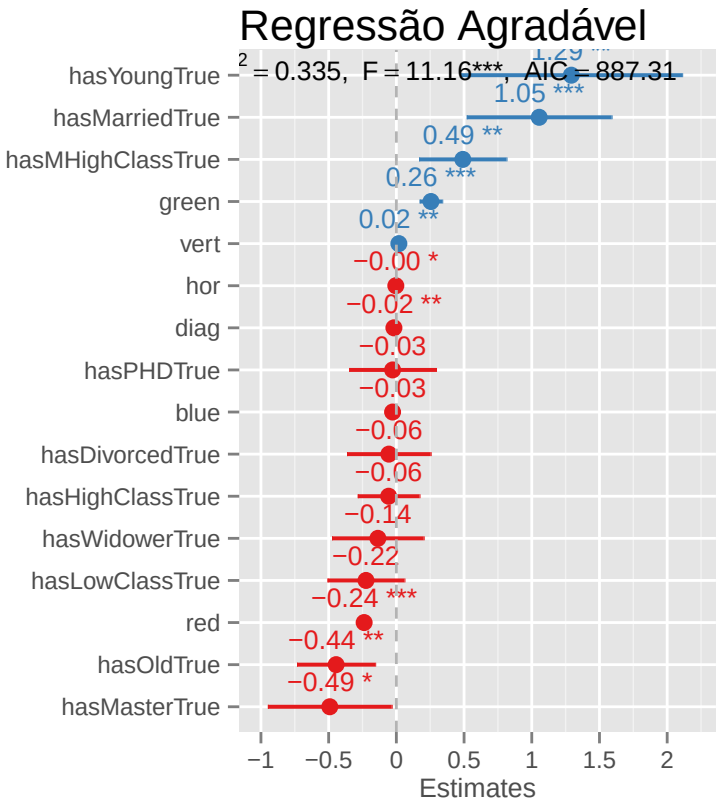


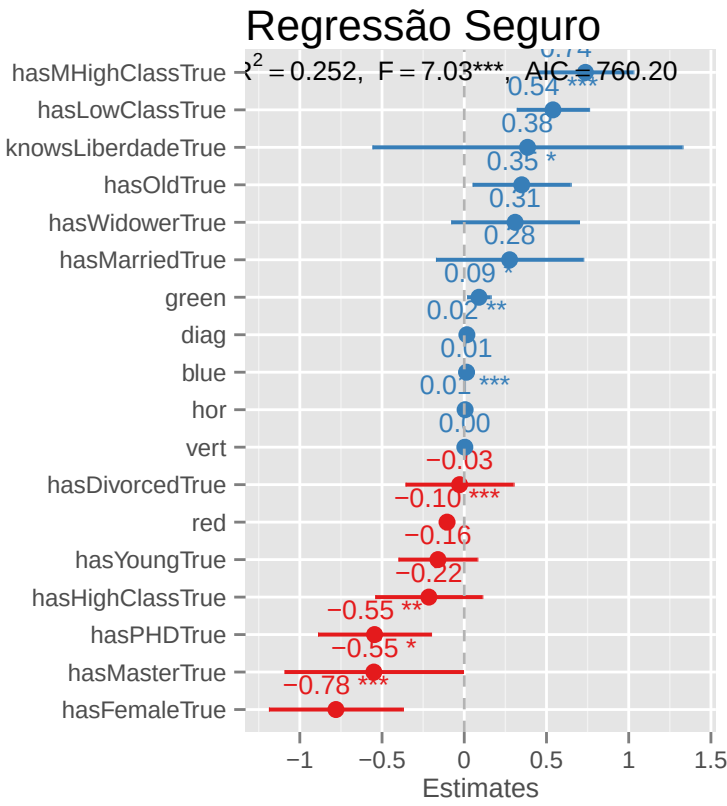
Modelo de Regressão com Variáveis Categóricas (Binárias)

```
## Version:  1.35
## Date:     2015-04-25
## Author:   Philip Leifeld (University of Konstanz)
##
## Please cite the JSS article in your publications -- see citation("texreg").

## [1] ">>>> Agrad"

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c }
## \hline
##                   & Model 1 \\
## \hline
## (Intercept)       & $4.44^{***}$  \\
##                   & $(0.95)$      \\
## hasYoungTrue      & $1.29^{**}$   \\
##                   & $(0.42)$      \\
## hasOldTrue        & $-0.44^{**}$  \\
##                   & $(0.15)$      \\
## hasLowClassTrue   & $-0.22$       \\
##                   & $(0.14)$      \\
## hasMHighClassTrue & $0.49^{**}$   \\
##                   & $(0.16)$      \\
## hasHighClassTrue  & $-0.06$       \\
##                   & $(0.12)$      \\
## hasMasterTrue     & $-0.49^{*}$   \\
##                   & $(0.23)$      \\
```

```
## hasPHDTrue        & $-0.03$       \\
##                   & $(0.16)$      \\
## hasMarriedTrue    & $1.05^{***}$  \\
##                   & $(0.27)$      \\
## hasDivorcedTrue   & $-0.06$       \\
##                   & $(0.16)$      \\
## hasWidowerTrue    & $-0.14$       \\
##                   & $(0.17)$      \\
## red               & $-0.24^{***}$ \\
##                   & $(0.03)$      \\
## green             & $0.26^{***}$  \\
##                   & $(0.04)$      \\
## blue              & $-0.03$       \\
##                   & $(0.03)$      \\
## diag              & $-0.02^{**}$  \\
##                   & $(0.01)$      \\
## vert              & $0.02^{**}$   \\
##                   & $(0.01)$      \\
## hor               & $-0.00^{*}$   \\
##                   & $(0.00)$      \\
## \hline
## R$^2$             & 0.37          \\
## Adj. R$^2$        & 0.33          \\
## Num. obs.         & 324           \\
## RMSE              & 0.92          \\
## \hline
## \multicolumn{2}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Statistical models}
## \label{table:coefficients}
## \end{center}
## \end{table}

## [1] ">>>> Seg"

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c }
## \hline
##                    & Model 1 \\
## \hline
## (Intercept)        & $4.55^{***}$  \\
##                    & $(0.85)$      \\
## hasFemaleTrue      & $-0.78^{***}$ \\
##                    & $(0.21)$      \\
## hasYoungTrue       & $-0.16$       \\
##                    & $(0.12)$      \\
## hasOldTrue         & $0.35^{*}$    \\
##                    & $(0.15)$      \\
## hasLowClassTrue    & $0.54^{***}$  \\
##                    & $(0.11)$      \\
## hasMHighClassTrue  & $0.74^{***}$  \\
##                    & $(0.15)$      \\
```

```
## hasHighClassTrue   & $-0.22$       \\
##                    & $(0.17)$      \\
## hasMasterTrue      & $-0.55^{*}$   \\
##                    & $(0.28)$      \\
## hasPHDTrue         & $-0.55^{**}$  \\
##                    & $(0.17)$      \\
## hasMarriedTrue     & $0.28$        \\
##                    & $(0.23)$      \\
## hasDivorcedTrue    & $-0.03$       \\
##                    & $(0.17)$      \\
## hasWidowerTrue     & $0.31$        \\
##                    & $(0.20)$      \\
## knowsLiberdadeTrue & $0.38$        \\
##                    & $(0.48)$      \\
## red                & $-0.10^{***}$ \\
##                    & $(0.02)$      \\
## green              & $0.09^{*}$    \\
##                    & $(0.04)$      \\
## blue               & $0.01$        \\
##                    & $(0.02)$      \\
## diag               & $0.02^{**}$   \\
##                    & $(0.00)$      \\
## vert               & $0.00$        \\
##                    & $(0.00)$      \\
## hor                & $0.01^{***}$  \\
##                    & $(0.00)$      \\
## \hline
## R$^2$              & 0.29          \\
## Adj. R$^2$         & 0.25          \\
## Num. obs.          & 324           \\
## RMSE               & 0.76          \\
## \hline
## \multicolumn{2}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Statistical models}
## \label{table:coefficients}
## \end{center}
## \end{table}


##
## Attaching package: 'sjPlot'
##
## The following objects are masked _by_ '.GlobalEnv':
##
##     adjust_plot_range, sjp.glm, sjp.setTheme
```

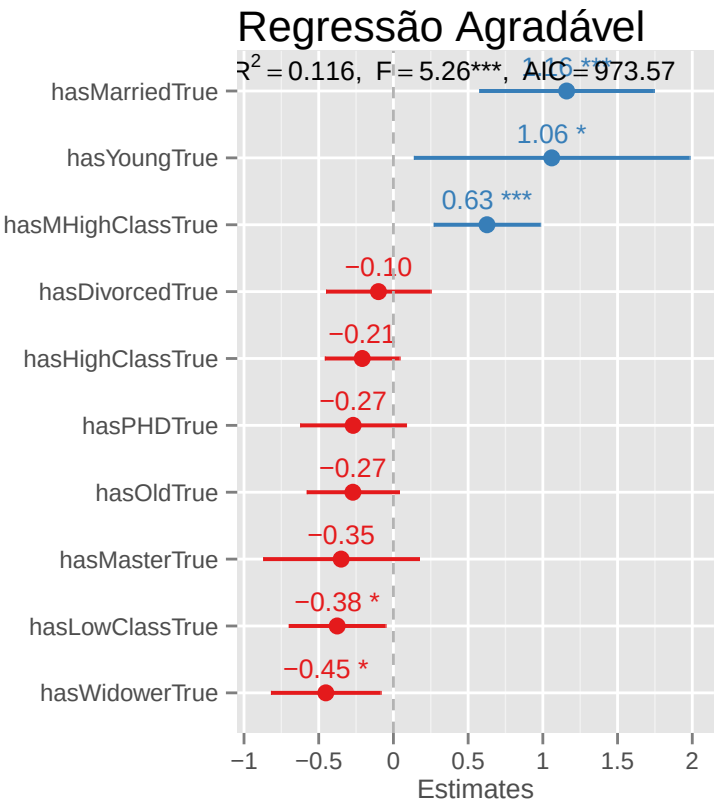





```
## [1] ">>>> Agrad"

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c }
## \hline
##                     & Model 1 \\
## \hline
## (Intercept)         & $3.43^{***}$ \\
##                     & $(0.54)$     \\
## hasYoungTrue        & $1.06^{*}$   \\
##                     & $(0.47)$     \\
## hasOldTrue          & $-0.27$      \\
##                     & $(0.16)$     \\
## hasLowClassTrue     & $-0.38^{*}$  \\
##                     & $(0.16)$     \\
## hasMHighClassTrue   & $0.63^{***}$ \\
##                     & $(0.18)$     \\
## hasHighClassTrue    & $-0.21$      \\
##                     & $(0.13)$     \\
## hasMasterTrue       & $-0.35$      \\
##                     & $(0.26)$     \\
## hasPHDTrue          & $-0.27$      \\
##                     & $(0.18)$     \\
## hasMarriedTrue      & $1.16^{***}$ \\
##                     & $(0.30)$     \\
## hasDivorcedTrue     & $-0.10$      \\
```

```
##                   & $(0.18)$     \\
## hasWidowerTrue    & $-0.45^{*}$  \\
##                   & $(0.19)$     \\
## \hline
## R$^2$             & 0.14         \\
## Adj. R$^2$        & 0.12         \\
## Num. obs.         & 324          \\
## RMSE              & 1.07         \\
## \hline
## \multicolumn{2}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Statistical models}
## \label{table:coefficients}
## \end{center}
## \end{table}

## [1] ">>>> Seg"

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c }
## \hline
##                     & Model 1 \\
## \hline
## (Intercept)        & $4.86^{***}$ \\
##                    & $(0.58)$     \\
## hasFemaleTrue      & $-0.54^{*}$  \\
##                    & $(0.21)$     \\
## hasYoungTrue       & $-0.08$      \\
##                    & $(0.13)$     \\
## hasOldTrue         & $0.18$       \\
##                    & $(0.16)$     \\
## hasLowClassTrue    & $0.46^{***}$ \\
##                    & $(0.11)$     \\
## hasMHighClassTrue  & $0.73^{***}$ \\
##                    & $(0.16)$     \\
## hasHighClassTrue   & $-0.39^{*}$  \\
##                    & $(0.17)$     \\
## hasMasterTrue      & $-0.29$      \\
##                    & $(0.29)$     \\
## hasPHDTrue         & $-0.48^{**}$ \\
##                    & $(0.18)$     \\
## hasMarriedTrue     & $0.12$       \\
##                    & $(0.24)$     \\
## hasDivorcedTrue    & $0.03$       \\
##                    & $(0.18)$     \\
## hasWidowerTrue     & $0.31$       \\
##                    & $(0.21)$     \\
## knowsLiberdadeTrue & $0.20$       \\
##                    & $(0.52)$     \\
## \hline
## R$^2$              & 0.15         \\
## Adj. R$^2$         & 0.12         \\
```

```
## Num. obs.          & 324          \\
## RMSE               & 0.82         \\
## \hline
## \multicolumn{2}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Statistical models}
## \label{table:coefficients}
## \end{center}
## \end{table}
```



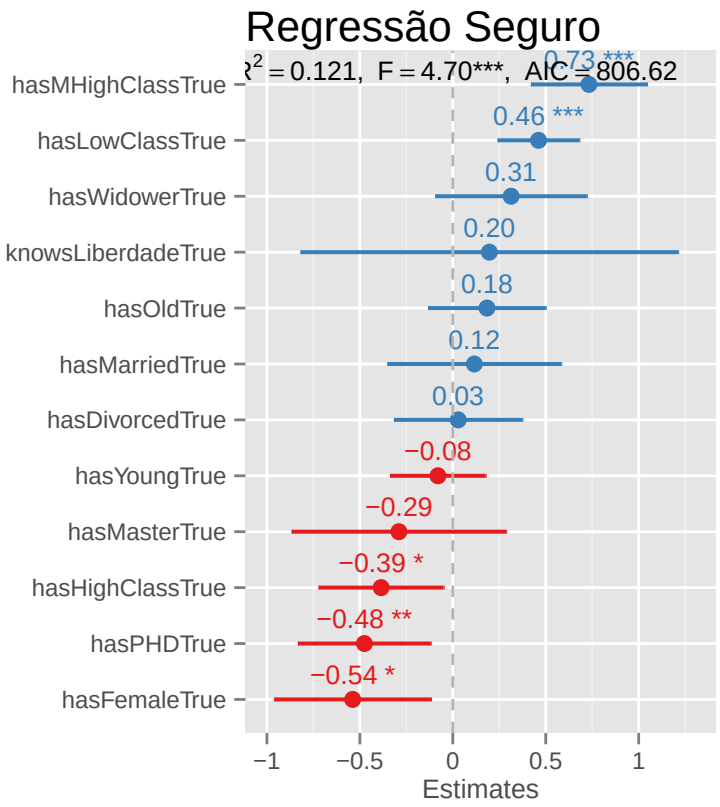


Tabela com Modelos para Agradavel

```
##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c c c c c }
## \hline
##             & Geral & Adulto & Jovem & Baixa & Media \\
## \hline
## (Intercept) & $4.57^{***}$  & $7.99^{**}$ & $2.91$        & $4.98^{**}$   & $3.71^{*}$    \\
##             & $(1.29)$      & $(2.93)$    & $(1.68)$      & $(1.74)$      & $(1.56)$      \\
## red         & $-0.20^{***}$ & $-0.24^{*}$ & $-0.21^{***}$ & $-0.17^{***}$ & $-0.25^{***}$ \\
##             & $(0.04)$      & $(0.09)$    & $(0.05)$      & $(0.05)$      & $(0.05)$      \\
## green       & $0.26^{***}$  & $0.37^{*}$  & $0.36^{***}$  & $0.20^{*}$    & $0.35^{***}$  \\
##             & $(0.06)$      & $(0.16)$    & $(0.09)$      & $(0.08)$      & $(0.07)$      \\
## blue        & $-0.06$       & $-0.17$     & $-0.14^{*}$   & $-0.03$       & $-0.10^{*}$   \\
##             & $(0.03)$      & $(0.09)$    & $(0.05)$      & $(0.05)$      & $(0.04)$      \\
```

```
## diag        & $-0.02^{*}$   & $-0.04$     & $-0.01$       & $-0.02$       & $-0.02^{*}$   \\
##             & $(0.01)$      & $(0.02)$    & $(0.01)$      & $(0.01)$      & $(0.01)$      \\
## hor         & $-0.00$       & $0.00$      & $-0.00$       & $-0.01$       & $-0.00$       \\
##             & $(0.00)$      & $(0.01)$    & $(0.00)$      & $(0.00)$      & $(0.00)$      \\
## vert        & $0.01$        & $0.01$      & $-0.00$       & $0.01$        & $0.00$        \\
##             & $(0.01)$      & $(0.02)$    & $(0.01)$      & $(0.01)$      & $(0.01)$      \\
## \hline
## R$^2$       & 0.29          & 0.15        & 0.21          & 0.16          & 0.30          \\
## Adj. R$^2$  & 0.25          & 0.10        & 0.16          & 0.11          & 0.26          \\
## Num. obs.   & 108           & 103         & 103           & 108           & 108           \\
## RMSE        & 0.81          & 1.82        & 1.04          & 1.09          & 0.98          \\
## \hline
## \multicolumn{6}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Modelo de Regressão para Agradável}
## \label{table:coefficients}
## \end{center}
## \end{table}

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c c c c c }
## \hline
##             & Geral & Feminino & Masculino & Solteiro & Casado \\
## \hline
## (Intercept) & $4.57^{***}$  & $5.13^{**}$   & $4.46^{**}$   & $3.42^{*}$    & $8.01^{***}$  \\
##             & $(1.29)$      & $(1.84)$      & $(1.44)$      & $(1.43)$      & $(2.20)$      \\
## red         & $-0.20^{***}$ & $-0.23^{***}$ & $-0.22^{***}$ & $-0.22^{***}$ & $-0.30^{***}$ \\
##             & $(0.04)$      & $(0.05)$      & $(0.04)$      & $(0.04)$      & $(0.06)$      \\
## green       & $0.26^{***}$  & $0.33^{***}$  & $0.29^{***}$  & $0.31^{***}$  & $0.41^{***}$  \\
##             & $(0.06)$      & $(0.09)$      & $(0.07)$      & $(0.07)$      & $(0.10)$      \\
## blue        & $-0.06$       & $-0.11^{*}$   & $-0.07$       & $-0.08$       & $-0.14^{*}$   \\
##             & $(0.03)$      & $(0.05)$      & $(0.04)$      & $(0.04)$      & $(0.06)$      \\
## diag        & $-0.02^{*}$   & $-0.02$       & $-0.02$       & $-0.01$       & $-0.01$       \\
##             & $(0.01)$      & $(0.01)$      & $(0.01)$      & $(0.01)$      & $(0.01)$      \\
## hor         & $-0.00$       & $-0.00$       & $-0.00$       & $-0.00$       & $-0.00$       \\
##             & $(0.00)$      & $(0.00)$      & $(0.00)$      & $(0.00)$      & $(0.00)$      \\
## vert        & $0.01$        & $-0.00$       & $0.01$        & $0.00$        & $-0.00$       \\
##             & $(0.01)$      & $(0.01)$      & $(0.01)$      & $(0.01)$      & $(0.02)$      \\
## \hline
## R$^2$       & 0.29          & 0.23          & 0.27          & 0.29          & 0.25          \\
## Adj. R$^2$  & 0.25          & 0.18          & 0.23          & 0.25          & 0.20          \\
## Num. obs.   & 108           & 108           & 108           & 107           & 107           \\
## RMSE        & 0.81          & 1.15          & 0.91          & 0.90          & 1.38          \\
## \hline
## \multicolumn{6}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Modelo de Regressão para Agradável}
## \label{table:coefficients}
## \end{center}
## \end{table}

##
```

```
## \begin{table}
## \begin{center}
## \begin{tabular}{l c c c }
## \hline
##             & Geral & Medio & Pos \\
## \hline
## (Intercept) & $4.57^{***}$  & $2.44$   & $4.12^{*}$    \\
##             & $(1.29)$      & $(2.85)$ & $(1.71)$      \\
## red         & $-0.20^{***}$ & $-0.14$  & $-0.24^{***}$ \\
##             & $(0.04)$      & $(0.08)$ & $(0.05)$      \\
## green       & $0.26^{***}$  & $0.23$   & $0.33^{***}$  \\
##             & $(0.06)$      & $(0.12)$ & $(0.07)$      \\
## blue        & $-0.06$       & $-0.07$  & $-0.08$       \\
##             & $(0.03)$      & $(0.07)$ & $(0.04)$      \\
## diag        & $-0.02^{*}$   & $-0.01$  & $-0.02^{*}$   \\
##             & $(0.01)$      & $(0.02)$ & $(0.01)$      \\
## hor         & $-0.00$       & $-0.01$  & $-0.00$       \\
##             & $(0.00)$      & $(0.01)$ & $(0.00)$      \\
## vert        & $0.01$        & $0.00$   & $0.01$        \\
##             & $(0.01)$      & $(0.02)$ & $(0.01)$      \\
## \hline
## R$^2$       & 0.29          & 0.08     & 0.31          \\
## Adj. R$^2$  & 0.25          & 0.02     & 0.27          \\
## Num. obs.   & 108           & 100      & 100           \\
## RMSE        & 0.81          & 1.65     & 0.99          \\
## \hline
## \multicolumn{4}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Modelo de Regressão para Agradável}
## \label{table:coefficients}
## \end{center}
## \end{table}
```

Tabelas com Modelos para Seguro

```
##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c c c c c }
## \hline
##             & Geral & Adulto & Jovem & Baixa & Media \\
## \hline
## (Intercept) & $4.42^{***}$ & $9.75^{**}$ & $4.49^{**}$ & $1.39$   & $5.89^{***}$ \\
##             & $(1.02)$     & $(3.36)$    & $(1.63)$    & $(1.72)$ & $(1.54)$     \\
## red         & $-0.06^{*}$  & $-0.01$     & $-0.09$     & $-0.07$  & $-0.14^{**}$ \\
##             & $(0.03)$     & $(0.10)$    & $(0.05)$    & $(0.05)$ & $(0.04)$     \\
## green       & $0.06$       & $-0.01$     & $0.12$      & $0.16$   & $0.10$       \\
##             & $(0.05)$     & $(0.15)$    & $(0.07)$    & $(0.08)$ & $(0.07)$     \\
## blue        & $0.00$       & $-0.02$     & $-0.03$     & $-0.07$  & $0.03$       \\
##             & $(0.03)$     & $(0.08)$    & $(0.04)$    & $(0.05)$ & $(0.04)$     \\
## diag        & $0.01$       & $0.01$      & $0.01$      & $-0.01$  & $0.00$       \\
##             & $(0.01)$     & $(0.02)$    & $(0.01)$    & $(0.01)$ & $(0.01)$     \\
## hor         & $0.00^{*}$   & $0.01^{*}$  & $0.01^{**}$ & $0.00$   & $0.01^{*}$   \\
```

```
##             & $(0.00)$     & $(0.01)$    & $(0.00)$    & $(0.00)$ & $(0.00)$     \\
## vert        & $0.00$       & $-0.04$     & $0.00$      & $0.01$   & $-0.00$      \\
##             & $(0.01)$     & $(0.02)$    & $(0.01)$    & $(0.01)$ & $(0.01)$     \\
## \hline
## R$^2$       & 0.13         & 0.10        & 0.17        & 0.07     & 0.16         \\
## Adj. R$^2$  & 0.08         & 0.03        & 0.10        & 0.02     & 0.11         \\
## Num. obs.   & 108          & 81          & 81          & 108      & 108          \\
## RMSE        & 0.64         & 1.67        & 0.81        & 1.08     & 0.97         \\
## \hline
## \multicolumn{6}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Modelo de Regressão para Seguro}
## \label{table:coefficients}
## \end{center}
## \end{table}

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c c c c c }
## \hline
##             & Geral & Feminino & Masculino & Solteiro & Casado \\
## \hline
## (Intercept) & $4.42^{***}$ & $7.17^{***}$ & $4.68^{***}$ & $3.30^{**}$ & $9.15^{***}$ \\
##             & $(1.02)$     & $(1.85)$     & $(1.22)$     & $(1.20)$    & $(2.29)$     \\
## red         & $-0.06^{*}$  & $-0.08$      & $-0.08^{*}$  & $-0.07$     & $-0.04$      \\
##             & $(0.03)$     & $(0.05)$     & $(0.03)$     & $(0.04)$    & $(0.07)$     \\
## green       & $0.06$       & $0.03$       & $0.09$       & $0.09$      & $-0.04$      \\
##             & $(0.05)$     & $(0.08)$     & $(0.06)$     & $(0.06)$    & $(0.11)$     \\
## blue        & $0.00$       & $0.02$       & $-0.01$      & $-0.02$     & $0.04$       \\
##             & $(0.03)$     & $(0.05)$     & $(0.03)$     & $(0.03)$    & $(0.06)$     \\
## diag        & $0.01$       & $0.02$       & $0.00$       & $0.01$      & $0.02$       \\
##             & $(0.01)$     & $(0.01)$     & $(0.01)$     & $(0.01)$    & $(0.02)$     \\
## hor         & $0.00^{*}$   & $0.01^{**}$  & $0.00^{*}$   & $0.00$      & $0.01^{**}$  \\
##             & $(0.00)$     & $(0.00)$     & $(0.00)$     & $(0.00)$    & $(0.00)$     \\
## vert        & $0.00$       & $-0.01$      & $0.00$       & $0.01$      & $-0.02$      \\
##             & $(0.01)$     & $(0.01)$     & $(0.01)$     & $(0.01)$    & $(0.02)$     \\
## \hline
## R$^2$       & 0.13         & 0.13         & 0.11         & 0.11        & 0.12         \\
## Adj. R$^2$  & 0.08         & 0.08         & 0.06         & 0.06        & 0.07         \\
## Num. obs.   & 108          & 104          & 104          & 107         & 107          \\
## RMSE        & 0.64         & 1.11         & 0.73         & 0.75        & 1.44         \\
## \hline
## \multicolumn{6}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Modelo de Regressão para Seguro}
## \label{table:coefficients}
## \end{center}
## \end{table}

##
## \begin{table}
## \begin{center}
## \begin{tabular}{l c c c }
```

```
## \hline
##             & Geral & Medio & Pos \\
## \hline
## (Intercept) & $4.42^{***}$ & $3.23$   & $3.75^{*}$   \\
##             & $(1.02)$     & $(2.93)$ & $(1.82)$     \\
## red         & $-0.06^{*}$  & $-0.05$  & $-0.15^{**}$ \\
##             & $(0.03)$     & $(0.08)$ & $(0.05)$     \\
## green       & $0.06$       & $0.09$   & $0.17^{*}$   \\
##             & $(0.05)$     & $(0.13)$ & $(0.08)$     \\
## blue        & $0.00$       & $-0.04$  & $-0.01$      \\
##             & $(0.03)$     & $(0.07)$ & $(0.05)$     \\
## diag        & $0.01$       & $-0.01$  & $0.01$       \\
##             & $(0.01)$     & $(0.02)$ & $(0.01)$     \\
## hor         & $0.00^{*}$   & $-0.00$  & $0.01^{*}$   \\
##             & $(0.00)$     & $(0.01)$ & $(0.00)$     \\
## vert        & $0.00$       & $0.04$   & $-0.01$      \\
##             & $(0.01)$     & $(0.02)$ & $(0.01)$     \\
## \hline
## R$^2$       & 0.13         & 0.05     & 0.18         \\
## Adj. R$^2$  & 0.08         & -0.02    & 0.12         \\
## Num. obs.   & 108          & 91       & 91           \\
## RMSE        & 0.64         & 1.56     & 0.97         \\
## \hline
## \multicolumn{4}{l}{\scriptsize{$^{***}p<0.001$, $^{**}p<0.01$, $^*p<0.05$}}
## \end{tabular}
## \caption{Modelo de Regressão para Seguro}
## \label{table:coefficients}
## \end{center}
## \end{table}
```