print(subsectoresList[i])

[1] Fabricacion de equipo de computacion, comunicacion, medicion y de otros equipos, componentes y accesorios electronicos

21 Levels: Curtido y acabado de cuero y piel, y fabricacion de productos de cuero, piel y materiales sucedaneos ...

> print(datosTotales6)

[1] 2333

> print(datosProduccion6)

[1] 2161

> summary(regA1)

Call:

felm(formula = personal\_total\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-452.91 -16.02 -1.67 13.45 645.84

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -0.9877 0.3414 -2.893 0.00385 \*\*

---

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

Residual standard error: 79.95 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9766 Adjusted R-squared: 0.9753

Multiple R-squared(proj model): 0.003788 Adjusted R-squared: -0.0555

F-statistic(full model):702.7 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 8.37 on 1 and 2201 DF, p-value: 0.003853

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA2)

Call:

felm(formula = obreros\_totales\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-419.58 -12.60 -1.01 12.24 650.60

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -0.7641 0.2922 -2.615 0.00897 \*\*

---

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

Residual standard error: 68.42 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9736 Adjusted R-squared: 0.972

Multiple R-squared(proj model): 0.003098 Adjusted R-squared: -0.05624

F-statistic(full model):619.2 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 6.84 on 1 and 2201 DF, p-value: 0.008975

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA3)

Call:

felm(formula = empleados\_totales\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-108.150 -4.828 -0.285 3.996 181.497

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -0.2236 0.1126 -1.985 0.0472 \*

---

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

Residual standard error: 26.37 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9608 Adjusted R-squared: 0.9585

Multiple R-squared(proj model): 0.001788 Adjusted R-squared: -0.05762

F-statistic(full model):411.9 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 3.942 on 1 and 2201 DF, p-value: 0.04722

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA7)

Call:

felm(formula = horas\_personal\_total\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-386.12 -4.53 -0.63 3.85 201.43

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -0.33439 0.09341 -3.58 0.000351 \*\*\*

---

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

Residual standard error: 21.88 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9695 Adjusted R-squared: 0.9677

Multiple R-squared(proj model): 0.005789 Adjusted R-squared: -0.05339

F-statistic(full model):533.7 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 12.82 on 1 and 2201 DF, p-value: 0.0003512

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA8)

Call:

felm(formula = horas\_obreros\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-343.15 -3.64 -0.54 3.20 196.40

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -0.27231 0.08052 -3.382 0.000732 \*\*\*

---

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

Residual standard error: 18.86 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9679 Adjusted R-squared: 0.966

Multiple R-squared(proj model): 0.00517 Adjusted R-squared: -0.05404

F-statistic(full model):506.6 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 11.44 on 1 and 2201 DF, p-value: 0.0007321

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA9)

Call:

felm(formula = horas\_empleados\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-42.964 -1.096 -0.101 0.921 37.036

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -0.06208 0.02268 -2.737 0.00625 \*\*

---

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

Residual standard error: 5.312 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9589 Adjusted R-squared: 0.9565

Multiple R-squared(proj model): 0.003392 Adjusted R-squared: -0.05592

F-statistic(full model):392.3 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 7.49 on 1 and 2201 DF, p-value: 0.006253

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA4)

Call:

felm(formula = remuneraciones\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-6350.8 -222.8 17.1 195.6 11300.9

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -11.834 5.224 -2.265 0.0236 \*

---

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

Residual standard error: 1223 on 2201 degrees of freedom

Multiple R-squared(full model): 0.945 Adjusted R-squared: 0.9417

Multiple R-squared(proj model): 0.002326 Adjusted R-squared: -0.05705

F-statistic(full model):288.5 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 5.132 on 1 and 2201 DF, p-value: 0.02358

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA5)

Call:

felm(formula = salario\_obreros\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-3013.9 -120.5 13.9 92.4 6020.1

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -5.468 2.361 -2.316 0.0207 \*

---

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

Residual standard error: 552.9 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9055 Adjusted R-squared: 0.8999

Multiple R-squared(proj model): 0.002431 Adjusted R-squared: -0.05694

F-statistic(full model): 161 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 5.363 on 1 and 2201 DF, p-value: 0.02066

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA6)

Call:

felm(formula = salario\_empleados\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-2656.3 -74.5 17.2 65.7 8739.1

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -4.216 2.459 -1.714 0.0866 .

---

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

Residual standard error: 575.9 on 2201 degrees of freedom

Multiple R-squared(full model): 0.9417 Adjusted R-squared: 0.9382

Multiple R-squared(proj model): 0.001334 Adjusted R-squared: -0.05811

F-statistic(full model):271.3 on 131 and 2201 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.939 on 1 and 2201 DF, p-value: 0.0866

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA10)

Call:

felm(formula = cantidad\_produccion\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-163647 -3415 -258 2692 278090

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -99.80 85.31 -1.17 0.242

Residual standard error: 19320 on 2035 degrees of freedom

(172 observations deleted due to missingness)

Multiple R-squared(full model): 0.8518 Adjusted R-squared: 0.8427

Multiple R-squared(proj model): 0.0006721 Adjusted R-squared: -0.06071

F-statistic(full model):93.57 on 125 and 2035 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.369 on 1 and 2035 DF, p-value: 0.2422

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA11)

Call:

felm(formula = valor\_produccion\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-183470 -5099 14 4515 337749

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -271.0 122.7 -2.21 0.0272 \*

---

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

Residual standard error: 27770 on 2035 degrees of freedom

(172 observations deleted due to missingness)

Multiple R-squared(full model): 0.8932 Adjusted R-squared: 0.8867

Multiple R-squared(proj model): 0.002394 Adjusted R-squared: -0.05888

F-statistic(full model):136.2 on 125 and 2035 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.883 on 1 and 2035 DF, p-value: 0.02724

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA12)

Call:

felm(formula = cantidad\_ventas\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-142692 -3541 -374 2882 247133

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -89.29 84.15 -1.061 0.289

Residual standard error: 19050 on 2035 degrees of freedom

(172 observations deleted due to missingness)

Multiple R-squared(full model): 0.8581 Adjusted R-squared: 0.8494

Multiple R-squared(proj model): 0.000553 Adjusted R-squared: -0.06084

F-statistic(full model):98.45 on 125 and 2035 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.126 on 1 and 2035 DF, p-value: 0.2888

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regA13)

Call:

felm(formula = valor\_ventas\_netas\_month ~ ejecuciones\_6Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-150531 -5624 48 4519 337442

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_6Meses -308.7 120.8 -2.555 0.0107 \*

---

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

Residual standard error: 27360 on 2035 degrees of freedom

(172 observations deleted due to missingness)

Multiple R-squared(full model): 0.8921 Adjusted R-squared: 0.8855

Multiple R-squared(proj model): 0.003197 Adjusted R-squared: -0.05803

F-statistic(full model):134.6 on 125 and 2035 DF, p-value: < 2.2e-16

F-statistic(proj model): 6.527 on 1 and 2035 DF, p-value: 0.0107

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

>

> print('----------------------------------------------------------')

[1] "----------------------------------------------------------"

> print(datosTotales12)

[1] 2038

> print(datosProduccion12)

[1] 1886

> summary(regB1)

Call:

felm(formula = personal\_total\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-474.96 -15.19 -1.69 13.14 623.10

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -0.9018 0.2911 -3.098 0.00198 \*\*

---

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

Residual standard error: 79.02 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9777 Adjusted R-squared: 0.9762

Multiple R-squared(proj model): 0.004997 Adjusted R-squared: -0.06061

F-statistic(full model):663.6 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 9.598 on 1 and 1911 DF, p-value: 0.001977

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB2)

Call:

felm(formula = obreros\_totales\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-444.34 -12.40 -1.22 12.11 625.49

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -0.6519 0.2516 -2.591 0.00963 \*\*

---

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

Residual standard error: 68.29 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9744 Adjusted R-squared: 0.9727

Multiple R-squared(proj model): 0.003502 Adjusted R-squared: -0.0622

F-statistic(full model):576.8 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 6.715 on 1 and 1911 DF, p-value: 0.009632

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB3)

Call:

felm(formula = empleados\_totales\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-114.068 -4.638 0.116 3.941 199.503

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -0.24990 0.09296 -2.688 0.00724 \*\*

---

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

Residual standard error: 25.24 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9642 Adjusted R-squared: 0.9619

Multiple R-squared(proj model): 0.003768 Adjusted R-squared: -0.06192

F-statistic(full model):408.9 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 7.227 on 1 and 1911 DF, p-value: 0.007243

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB7)

Call:

felm(formula = horas\_personal\_total\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-391.61 -4.56 -0.57 3.95 199.43

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -0.26234 0.08265 -3.174 0.00153 \*\*

---

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

Residual standard error: 22.44 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9685 Adjusted R-squared: 0.9664

Multiple R-squared(proj model): 0.005244 Adjusted R-squared: -0.06034

F-statistic(full model):465.9 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 10.07 on 1 and 1911 DF, p-value: 0.001527

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB8)

Call:

felm(formula = horas\_obreros\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-348.31 -3.65 -0.57 3.16 194.09

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -0.19900 0.07146 -2.785 0.00541 \*\*

---

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

Residual standard error: 19.4 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9668 Adjusted R-squared: 0.9646

Multiple R-squared(proj model): 0.004042 Adjusted R-squared: -0.06163

F-statistic(full model): 441 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 7.756 on 1 and 1911 DF, p-value: 0.005407

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB9)

Call:

felm(formula = horas\_empleados\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-43.297 -1.089 -0.047 0.941 36.287

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -0.06334 0.01898 -3.338 0.000861 \*\*\*

---

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

Residual standard error: 5.152 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9616 Adjusted R-squared: 0.9591

Multiple R-squared(proj model): 0.005796 Adjusted R-squared: -0.05976

F-statistic(full model):379.7 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 11.14 on 1 and 1911 DF, p-value: 0.0008609

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB4)

Call:

felm(formula = remuneraciones\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-6903.7 -245.3 5.8 221.4 11419.7

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -12.199 4.635 -2.632 0.00857 \*\*

---

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

Residual standard error: 1258 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9439 Adjusted R-squared: 0.9402

Multiple R-squared(proj model): 0.003611 Adjusted R-squared: -0.06209

F-statistic(full model):255.4 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 6.925 on 1 and 1911 DF, p-value: 0.008566

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB5)

Call:

felm(formula = salario\_obreros\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-3305.3 -118.7 8.0 102.5 5903.7

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -4.945 2.074 -2.385 0.0172 \*

---

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

Residual standard error: 562.9 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9068 Adjusted R-squared: 0.9007

Multiple R-squared(proj model): 0.002967 Adjusted R-squared: -0.06277

F-statistic(full model):147.6 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 5.686 on 1 and 1911 DF, p-value: 0.0172

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB6)

Call:

felm(formula = salario\_empleados\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-2632.4 -91.1 19.3 75.7 8651.7

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -5.206 2.195 -2.371 0.0178 \*

---

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

Residual standard error: 596 on 1911 degrees of freedom

Multiple R-squared(full model): 0.9397 Adjusted R-squared: 0.9358

Multiple R-squared(proj model): 0.002933 Adjusted R-squared: -0.06281

F-statistic(full model):236.6 on 126 and 1911 DF, p-value: < 2.2e-16

F-statistic(proj model): 5.622 on 1 and 1911 DF, p-value: 0.01783

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB10)

Call:

felm(formula = cantidad\_produccion\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-141760 -2837 -467 2596 198728

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -9.421 66.717 -0.141 0.888

Residual standard error: 17520 on 1765 degrees of freedom

(152 observations deleted due to missingness)

Multiple R-squared(full model): 0.8676 Adjusted R-squared: 0.8586

Multiple R-squared(proj model): 1.13e-05 Adjusted R-squared: -0.06798

F-statistic(full model):96.37 on 120 and 1765 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01994 on 1 and 1765 DF, p-value: 0.8877

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB11)

Call:

felm(formula = valor\_produccion\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-178270 -4955 257 4370 234408

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -105.5 101.9 -1.036 0.301

Residual standard error: 26760 on 1765 degrees of freedom

(152 observations deleted due to missingness)

Multiple R-squared(full model): 0.8977 Adjusted R-squared: 0.8907

Multiple R-squared(proj model): 0.0006072 Adjusted R-squared: -0.06734

F-statistic(full model): 129 on 120 and 1765 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.072 on 1 and 1765 DF, p-value: 0.3006

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB12)

Call:

felm(formula = cantidad\_ventas\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-122355 -3010 -255 2579 176605

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -2.657 67.347 -0.039 0.969

Residual standard error: 17690 on 1765 degrees of freedom

(152 observations deleted due to missingness)

Multiple R-squared(full model): 0.8685 Adjusted R-squared: 0.8596

Multiple R-squared(proj model): 8.82e-07 Adjusted R-squared: -0.06799

F-statistic(full model):97.15 on 120 and 1765 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.001557 on 1 and 1765 DF, p-value: 0.9685

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regB13)

Call:

felm(formula = valor\_ventas\_netas\_month ~ ejecuciones\_12Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-136061 -5601 221 4295 231996

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_12Meses -144.4 100.1 -1.443 0.149

Residual standard error: 26280 on 1765 degrees of freedom

(152 observations deleted due to missingness)

Multiple R-squared(full model): 0.8969 Adjusted R-squared: 0.8898

Multiple R-squared(proj model): 0.001178 Adjusted R-squared: -0.06673

F-statistic(full model):127.9 on 120 and 1765 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.082 on 1 and 1765 DF, p-value: 0.1492

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

>

> print('----------------------------------------------------------')

[1] "----------------------------------------------------------"

> print(datosTotales24)

[1] 1350

> print(datosProduccion24)

[1] 1246

> summary(regC1)

Call:

felm(formula = personal\_total\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-590.74 -14.39 -0.60 14.92 511.74

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -0.4306 0.3518 -1.224 0.221

Residual standard error: 76.62 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9807 Adjusted R-squared: 0.979

Multiple R-squared(proj model): 0.001209 Adjusted R-squared: -0.08834

F-statistic(full model):567.5 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.498 on 1 and 1238 DF, p-value: 0.2212

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC2)

Call:

felm(formula = obreros\_totales\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-559.93 -13.22 -0.83 14.39 513.01

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -0.2560 0.3212 -0.797 0.426

Residual standard error: 69.95 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9759 Adjusted R-squared: 0.9737

Multiple R-squared(proj model): 0.0005127 Adjusted R-squared: -0.0891

F-statistic(full model):451.8 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6351 on 1 and 1238 DF, p-value: 0.4257

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC3)

Call:

felm(formula = empleados\_totales\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-66.094 -2.990 0.120 2.418 217.116

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -0.17464 0.07514 -2.324 0.0203 \*

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

Residual standard error: 16.37 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9849 Adjusted R-squared: 0.9836

Multiple R-squared(proj model): 0.004344 Adjusted R-squared: -0.08493

F-statistic(full model):729.1 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 5.401 on 1 and 1238 DF, p-value: 0.02029

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC7)

Call:

felm(formula = horas\_personal\_total\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-406.50 -4.63 -0.75 4.36 184.95

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -0.08278 0.11477 -0.721 0.471

Residual standard error: 25 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9639 Adjusted R-squared: 0.9607

Multiple R-squared(proj model): 0.00042 Adjusted R-squared: -0.0892

F-statistic(full model): 298 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5202 on 1 and 1238 DF, p-value: 0.4709

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC8)

Call:

felm(formula = horas\_obreros\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-361.80 -4.06 -0.73 3.60 180.89

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -0.05396 0.10221 -0.528 0.598

Residual standard error: 22.26 on 1238 degrees of freedom

Multiple R-squared(full model): 0.96 Adjusted R-squared: 0.9564

Multiple R-squared(proj model): 0.0002251 Adjusted R-squared: -0.08942

F-statistic(full model):267.8 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2787 on 1 and 1238 DF, p-value: 0.5976

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC9)

Call:

felm(formula = horas\_empleados\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-44.692 -0.815 -0.040 0.765 28.580

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -0.02882 0.01814 -1.588 0.112

Residual standard error: 3.952 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9779 Adjusted R-squared: 0.976

Multiple R-squared(proj model): 0.002034 Adjusted R-squared: -0.08744

F-statistic(full model):494.3 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.523 on 1 and 1238 DF, p-value: 0.1125

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC4)

Call:

felm(formula = remuneraciones\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-8943.0 -213.1 -16.2 255.1 9025.1

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -7.114 5.334 -1.334 0.183

Residual standard error: 1162 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9568 Adjusted R-squared: 0.953

Multiple R-squared(proj model): 0.001434 Adjusted R-squared: -0.0881

F-statistic(full model):247.2 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.778 on 1 and 1238 DF, p-value: 0.1826

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC5)

Call:

felm(formula = salario\_obreros\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-4297.3 -106.3 -9.2 121.3 5472.8

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -3.817 2.611 -1.462 0.144

Residual standard error: 568.6 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9187 Adjusted R-squared: 0.9114

Multiple R-squared(proj model): 0.001723 Adjusted R-squared: -0.08778

F-statistic(full model):126.1 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.137 on 1 and 1238 DF, p-value: 0.144

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC6)

Call:

felm(formula = salario\_empleados\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-2056.0 -96.0 26.2 69.5 8449.2

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses -4.307 2.507 -1.718 0.086 .

---

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

Residual standard error: 546 on 1238 degrees of freedom

Multiple R-squared(full model): 0.9522 Adjusted R-squared: 0.9479

Multiple R-squared(proj model): 0.002379 Adjusted R-squared: -0.08707

F-statistic(full model):222.1 on 111 and 1238 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.952 on 1 and 1238 DF, p-value: 0.08601

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC10)

Call:

felm(formula = cantidad\_produccion\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-101663 -2326 -600 2386 111319

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses 39.25 72.95 0.538 0.591

Residual standard error: 15690 on 1140 degrees of freedom

(104 observations deleted due to missingness)

Multiple R-squared(full model): 0.8815 Adjusted R-squared: 0.8706

Multiple R-squared(proj model): 0.0002539 Adjusted R-squared: -0.09183

F-statistic(full model):80.79 on 105 and 1140 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2895 on 1 and 1140 DF, p-value: 0.5906

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC11)

Call:

felm(formula = valor\_produccion\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-153640 -5848 -92 5528 229490

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses 89.85 128.30 0.7 0.484

Residual standard error: 27590 on 1140 degrees of freedom

(104 observations deleted due to missingness)

Multiple R-squared(full model): 0.8969 Adjusted R-squared: 0.8874

Multiple R-squared(proj model): 0.0004301 Adjusted R-squared: -0.09164

F-statistic(full model):94.41 on 105 and 1140 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4905 on 1 and 1140 DF, p-value: 0.4838

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC12)

Call:

felm(formula = cantidad\_ventas\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-89456 -2700 -1 2644 153139

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses 53.84 73.52 0.732 0.464

Residual standard error: 15810 on 1140 degrees of freedom

(104 observations deleted due to missingness)

Multiple R-squared(full model): 0.8817 Adjusted R-squared: 0.8708

Multiple R-squared(proj model): 0.0004702 Adjusted R-squared: -0.09159

F-statistic(full model):80.94 on 105 and 1140 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5362 on 1 and 1140 DF, p-value: 0.4642

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE

> summary(regC13)

Call:

felm(formula = valor\_ventas\_netas\_month ~ ejecuciones\_24Meses | absMes + municipio\_Estado + empresaID, data = data)

Residuals:

Min 1Q Median 3Q Max

-130563 -6091 -154 4716 227021

Coefficients:

Estimate Std. Error t value Pr(>|t|)

ejecuciones\_24Meses 93.41 124.31 0.751 0.453

Residual standard error: 26740 on 1140 degrees of freedom

(104 observations deleted due to missingness)

Multiple R-squared(full model): 0.8971 Adjusted R-squared: 0.8876

Multiple R-squared(proj model): 0.0004951 Adjusted R-squared: -0.09156

F-statistic(full model):94.66 on 105 and 1140 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5647 on 1 and 1140 DF, p-value: 0.4525

\*\*\* Standard errors may be too high due to more than 2 groups and exactDOF=FALSE