> print(subsectoresList[i])

[1] Industria quimica

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

> print(datosTotales6)

[1] 19824

> print(datosProduccion6)

[1] 18319

> summary(regA1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-811.56 -8.67 0.59 8.75 3027.34

Coefficients:

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

ejecuciones\_6Meses 0.02781 0.01809 1.538 0.124

Residual standard error: 71.2 on 19180 degrees of freedom

Multiple R-squared(full model): 0.9797 Adjusted R-squared: 0.9791

Multiple R-squared(proj model): 0.0001232 Adjusted R-squared: -0.0334

F-statistic(full model): 1442 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.364 on 1 and 19180 DF, p-value: 0.1242

\*\*\* 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

-732.78 -4.94 0.16 4.44 2893.06

Coefficients:

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

ejecuciones\_6Meses 0.01657 0.01420 1.167 0.243

Residual standard error: 55.9 on 19180 degrees of freedom

Multiple R-squared(full model): 0.9733 Adjusted R-squared: 0.9724

Multiple R-squared(proj model): 7.095e-05 Adjusted R-squared: -0.03345

F-statistic(full model): 1088 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.361 on 1 and 19180 DF, p-value: 0.2434

\*\*\* 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

-547.12 -4.94 0.40 4.46 425.48

Coefficients:

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

ejecuciones\_6Meses 0.011245 0.009306 1.208 0.227

Residual standard error: 36.63 on 19180 degrees of freedom

Multiple R-squared(full model): 0.9833 Adjusted R-squared: 0.9827

Multiple R-squared(proj model): 7.611e-05 Adjusted R-squared: -0.03345

F-statistic(full model): 1755 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.46 on 1 and 19180 DF, p-value: 0.227

\*\*\* 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

-234.00 -2.72 -0.04 2.71 557.72

Coefficients:

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

ejecuciones\_6Meses 0.006577 0.004406 1.493 0.136

Residual standard error: 17.34 on 19180 degrees of freedom

Multiple R-squared(full model): 0.9729 Adjusted R-squared: 0.972

Multiple R-squared(proj model): 0.0001161 Adjusted R-squared: -0.0334

F-statistic(full model): 1072 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.228 on 1 and 19180 DF, p-value: 0.1356

\*\*\* 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

-135.63 -1.53 -0.08 1.45 530.78

Coefficients:

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

ejecuciones\_6Meses 0.003500 0.003303 1.06 0.289

Residual standard error: 13 on 19180 degrees of freedom

Multiple R-squared(full model): 0.9687 Adjusted R-squared: 0.9676

Multiple R-squared(proj model): 5.855e-05 Adjusted R-squared: -0.03346

F-statistic(full model): 923 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.123 on 1 and 19180 DF, p-value: 0.2893

\*\*\* 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

-234.509 -1.457 0.078 1.276 314.908

Coefficients:

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

ejecuciones\_6Meses 0.003077 0.002393 1.286 0.199

Residual standard error: 9.418 on 19180 degrees of freedom

Multiple R-squared(full model): 0.973 Adjusted R-squared: 0.9721

Multiple R-squared(proj model): 8.618e-05 Adjusted R-squared: -0.03344

F-statistic(full model): 1075 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.653 on 1 and 19180 DF, p-value: 0.1986

\*\*\* 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

-36652 -229 163 433 187466

Coefficients:

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

ejecuciones\_6Meses -0.1099 1.1403 -0.096 0.923

Residual standard error: 4488 on 19180 degrees of freedom

Multiple R-squared(full model): 0.9019 Adjusted R-squared: 0.8986

Multiple R-squared(proj model): 4.84e-07 Adjusted R-squared: -0.03352

F-statistic(full model):274.3 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.009284 on 1 and 19180 DF, p-value: 0.9232

\*\*\* 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

-30919 -84 71 213 130759

Coefficients:

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

ejecuciones\_6Meses -0.1497 0.7079 -0.211 0.833

Residual standard error: 2786 on 19180 degrees of freedom

Multiple R-squared(full model): 0.8494 Adjusted R-squared: 0.8444

Multiple R-squared(proj model): 2.331e-06 Adjusted R-squared: -0.03352

F-statistic(full model):168.3 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.04471 on 1 and 19180 DF, p-value: 0.8325

\*\*\* 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

-14618 -127 88 177 66668

Coefficients:

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

ejecuciones\_6Meses 0.218 0.518 0.421 0.674

Residual standard error: 2039 on 19180 degrees of freedom

Multiple R-squared(full model): 0.8939 Adjusted R-squared: 0.8903

Multiple R-squared(proj model): 9.238e-06 Adjusted R-squared: -0.03351

F-statistic(full model):251.2 on 643 and 19180 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1772 on 1 and 19180 DF, p-value: 0.6738

\*\*\* 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

-4781788 -8099 -2297 10138 2885640

Coefficients:

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

ejecuciones\_6Meses 53.21 38.46 1.383 0.167

Residual standard error: 147300 on 17709 degrees of freedom

(1505 observations deleted due to missingness)

Multiple R-squared(full model): 0.9422 Adjusted R-squared: 0.9402

Multiple R-squared(proj model): 0.000108 Adjusted R-squared: -0.03428

F-statistic(full model):473.8 on 609 and 17709 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.913 on 1 and 17709 DF, p-value: 0.1666

\*\*\* 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

-2703355 -10768 1334 8856 3591592

Coefficients:

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

ejecuciones\_6Meses 42.71 28.43 1.502 0.133

Residual standard error: 108800 on 17709 degrees of freedom

(1505 observations deleted due to missingness)

Multiple R-squared(full model): 0.8879 Adjusted R-squared: 0.884

Multiple R-squared(proj model): 0.0001275 Adjusted R-squared: -0.03426

F-statistic(full model):230.3 on 609 and 17709 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.257 on 1 and 17709 DF, p-value: 0.133

\*\*\* 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

-2689909 -7825 -1238 9540 3083326

Coefficients:

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

ejecuciones\_6Meses 50.00 36.04 1.387 0.165

Residual standard error: 138000 on 17709 degrees of freedom

(1505 observations deleted due to missingness)

Multiple R-squared(full model): 0.9463 Adjusted R-squared: 0.9445

Multiple R-squared(proj model): 0.0001087 Adjusted R-squared: -0.03428

F-statistic(full model):512.5 on 609 and 17709 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.925 on 1 and 17709 DF, p-value: 0.1653

\*\*\* 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

-2450766 -10177 1592 8226 3508070

Coefficients:

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

ejecuciones\_6Meses 39.30 27.72 1.418 0.156

Residual standard error: 106100 on 17709 degrees of freedom

(1505 observations deleted due to missingness)

Multiple R-squared(full model): 0.892 Adjusted R-squared: 0.8883

Multiple R-squared(proj model): 0.0001135 Adjusted R-squared: -0.03427

F-statistic(full model):240.2 on 609 and 17709 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.01 on 1 and 17709 DF, p-value: 0.1563

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

>

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

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

> print(datosTotales12)

[1] 17428

> print(datosProduccion12)

[1] 16098

> summary(regB1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-630.13 -8.08 0.63 7.73 1374.41

Coefficients:

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

ejecuciones\_12Meses 0.011827 0.009938 1.19 0.234

Residual standard error: 63.04 on 16789 degrees of freedom

Multiple R-squared(full model): 0.9842 Adjusted R-squared: 0.9836

Multiple R-squared(proj model): 8.436e-05 Adjusted R-squared: -0.03791

F-statistic(full model): 1638 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.417 on 1 and 16789 DF, p-value: 0.234

\*\*\* 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

-549.06 -4.42 -0.02 3.82 1242.51

Coefficients:

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

ejecuciones\_12Meses 0.005158 0.007371 0.7 0.484

Residual standard error: 46.76 on 16789 degrees of freedom

Multiple R-squared(full model): 0.9813 Adjusted R-squared: 0.9806

Multiple R-squared(proj model): 2.916e-05 Adjusted R-squared: -0.03797

F-statistic(full model): 1384 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4897 on 1 and 16789 DF, p-value: 0.4841

\*\*\* 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

-544.91 -5.08 0.82 4.19 429.55

Coefficients:

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

ejecuciones\_12Meses 0.006669 0.005494 1.214 0.225

Residual standard error: 34.85 on 16789 degrees of freedom

Multiple R-squared(full model): 0.985 Adjusted R-squared: 0.9845

Multiple R-squared(proj model): 8.777e-05 Adjusted R-squared: -0.03791

F-statistic(full model): 1733 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.474 on 1 and 16789 DF, p-value: 0.2248

\*\*\* 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

-230.34 -2.55 -0.05 2.55 318.49

Coefficients:

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

ejecuciones\_12Meses 0.002078 0.002550 0.815 0.415

Residual standard error: 16.18 on 16789 degrees of freedom

Multiple R-squared(full model): 0.9766 Adjusted R-squared: 0.9757

Multiple R-squared(proj model): 3.953e-05 Adjusted R-squared: -0.03796

F-statistic(full model): 1098 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6637 on 1 and 16789 DF, p-value: 0.4153

\*\*\* 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

-122.841 -1.431 -0.090 1.376 275.556

Coefficients:

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

ejecuciones\_12Meses 0.0007766 0.0018340 0.423 0.672

Residual standard error: 11.64 on 16789 degrees of freedom

Multiple R-squared(full model): 0.9752 Adjusted R-squared: 0.9742

Multiple R-squared(proj model): 1.068e-05 Adjusted R-squared: -0.03799

F-statistic(full model): 1033 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1793 on 1 and 16789 DF, p-value: 0.672

\*\*\* 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

-230.69 -1.35 0.07 1.19 318.72

Coefficients:

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

ejecuciones\_12Meses 0.001301 0.001455 0.894 0.371

Residual standard error: 9.228 on 16789 degrees of freedom

Multiple R-squared(full model): 0.974 Adjusted R-squared: 0.973

Multiple R-squared(proj model): 4.765e-05 Adjusted R-squared: -0.03795

F-statistic(full model):985.6 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.8001 on 1 and 16789 DF, p-value: 0.3711

\*\*\* 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

-39840 -240 197 430 185393

Coefficients:

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

ejecuciones\_12Meses -0.07756 0.72129 -0.108 0.914

Residual standard error: 4576 on 16789 degrees of freedom

Multiple R-squared(full model): 0.9025 Adjusted R-squared: 0.8988

Multiple R-squared(proj model): 6.887e-07 Adjusted R-squared: -0.038

F-statistic(full model):243.7 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01156 on 1 and 16789 DF, p-value: 0.9144

\*\*\* 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

-34116 -66 82 225 128229

Coefficients:

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

ejecuciones\_12Meses -0.01454 0.44917 -0.032 0.974

Residual standard error: 2850 on 16789 degrees of freedom

Multiple R-squared(full model): 0.853 Adjusted R-squared: 0.8475

Multiple R-squared(proj model): 6.241e-08 Adjusted R-squared: -0.038

F-statistic(full model):152.8 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.001048 on 1 and 16789 DF, p-value: 0.9742

\*\*\* 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

-15376 -128 98 183 66365

Coefficients:

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

ejecuciones\_12Meses 0.1145 0.3266 0.351 0.726

Residual standard error: 2072 on 16789 degrees of freedom

Multiple R-squared(full model): 0.8939 Adjusted R-squared: 0.8899

Multiple R-squared(proj model): 7.325e-06 Adjusted R-squared: -0.03799

F-statistic(full model):221.8 on 638 and 16789 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.123 on 1 and 16789 DF, p-value: 0.7258

\*\*\* 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

-4851243 -8907 -2238 10407 2662029

Coefficients:

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

ejecuciones\_12Meses 22.55 24.12 0.935 0.35

Residual standard error: 150400 on 15493 degrees of freedom

(1330 observations deleted due to missingness)

Multiple R-squared(full model): 0.9402 Adjusted R-squared: 0.9378

Multiple R-squared(proj model): 5.64e-05 Adjusted R-squared: -0.03893

F-statistic(full model):403.1 on 604 and 15493 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.8738 on 1 and 15493 DF, p-value: 0.3499

\*\*\* 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

-2601972 -11675 1759 9270 3692759

Coefficients:

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

ejecuciones\_12Meses 21.00 18.12 1.159 0.246

Residual standard error: 113000 on 15493 degrees of freedom

(1330 observations deleted due to missingness)

Multiple R-squared(full model): 0.88 Adjusted R-squared: 0.8754

Multiple R-squared(proj model): 8.673e-05 Adjusted R-squared: -0.0389

F-statistic(full model):188.2 on 604 and 15493 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.344 on 1 and 15493 DF, p-value: 0.2464

\*\*\* 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

-2666772 -8290 -493 9655 3210443

Coefficients:

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

ejecuciones\_12Meses 22.93 22.41 1.023 0.306

Residual standard error: 139800 on 15493 degrees of freedom

(1330 observations deleted due to missingness)

Multiple R-squared(full model): 0.9453 Adjusted R-squared: 0.9431

Multiple R-squared(proj model): 6.753e-05 Adjusted R-squared: -0.03892

F-statistic(full model):443.1 on 604 and 15493 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.046 on 1 and 15493 DF, p-value: 0.3064

\*\*\* 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

-2351064 -10756 1911 8632 3607600

Coefficients:

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

ejecuciones\_12Meses 18.43 17.67 1.043 0.297

Residual standard error: 110200 on 15493 degrees of freedom

(1330 observations deleted due to missingness)

Multiple R-squared(full model): 0.8844 Adjusted R-squared: 0.8799

Multiple R-squared(proj model): 7.023e-05 Adjusted R-squared: -0.03891

F-statistic(full model):196.3 on 604 and 15493 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.088 on 1 and 15493 DF, p-value: 0.2969

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

>

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

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

> print(datosTotales24)

[1] 11784

> print(datosProduccion24)

[1] 10854

> summary(regC1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-822.66 -5.54 0.28 5.13 859.87

Coefficients:

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

ejecuciones\_24Meses 0.008039 0.007275 1.105 0.269

Residual standard error: 49.84 on 11170 degrees of freedom

Multiple R-squared(full model): 0.9903 Adjusted R-squared: 0.9898

Multiple R-squared(proj model): 0.0001093 Adjusted R-squared: -0.05476

F-statistic(full model): 1858 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.221 on 1 and 11170 DF, p-value: 0.2692

\*\*\* 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

-719.50 -3.47 0.04 3.17 894.05

Coefficients:

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

ejecuciones\_24Meses 0.002004 0.005319 0.377 0.706

Residual standard error: 36.44 on 11170 degrees of freedom

Multiple R-squared(full model): 0.9889 Adjusted R-squared: 0.9883

Multiple R-squared(proj model): 1.271e-05 Adjusted R-squared: -0.05487

F-statistic(full model): 1630 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.142 on 1 and 11170 DF, p-value: 0.7063

\*\*\* 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

-540.13 -2.67 0.18 2.64 571.93

Coefficients:

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

ejecuciones\_24Meses 0.006034 0.003984 1.515 0.13

Residual standard error: 27.29 on 11170 degrees of freedom

Multiple R-squared(full model): 0.991 Adjusted R-squared: 0.9905

Multiple R-squared(proj model): 0.0002054 Adjusted R-squared: -0.05466

F-statistic(full model): 2016 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.295 on 1 and 11170 DF, p-value: 0.1299

\*\*\* 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

-240.637 -2.164 0.038 2.210 301.566

Coefficients:

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

ejecuciones\_24Meses 0.0009952 0.0020869 0.477 0.633

Residual standard error: 14.3 on 11170 degrees of freedom

Multiple R-squared(full model): 0.9822 Adjusted R-squared: 0.9812

Multiple R-squared(proj model): 2.036e-05 Adjusted R-squared: -0.05486

F-statistic(full model): 1005 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2274 on 1 and 11170 DF, p-value: 0.6334

\*\*\* 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

-149.181 -1.356 -0.049 1.375 260.461

Coefficients:

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

ejecuciones\_24Meses 0.0002605 0.0014758 0.177 0.86

Residual standard error: 10.11 on 11170 degrees of freedom

Multiple R-squared(full model): 0.9819 Adjusted R-squared: 0.9809

Multiple R-squared(proj model): 2.79e-06 Adjusted R-squared: -0.05488

F-statistic(full model):988.6 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.03116 on 1 and 11170 DF, p-value: 0.8599

\*\*\* 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

-240.777 -1.015 -0.030 0.927 150.635

Coefficients:

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

ejecuciones\_24Meses 0.0007347 0.0011970 0.614 0.539

Residual standard error: 8.2 on 11170 degrees of freedom

Multiple R-squared(full model): 0.98 Adjusted R-squared: 0.9789

Multiple R-squared(proj model): 3.373e-05 Adjusted R-squared: -0.05484

F-statistic(full model):891.5 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3768 on 1 and 11170 DF, p-value: 0.5394

\*\*\* 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

-41722 -187 245 473 179569

Coefficients:

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

ejecuciones\_24Meses 0.1310 0.6888 0.19 0.849

Residual standard error: 4718 on 11170 degrees of freedom

Multiple R-squared(full model): 0.9062 Adjusted R-squared: 0.901

Multiple R-squared(proj model): 3.239e-06 Adjusted R-squared: -0.05488

F-statistic(full model): 176 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.03618 on 1 and 11170 DF, p-value: 0.8491

\*\*\* 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

-40272 -48 107 221 120578

Coefficients:

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

ejecuciones\_24Meses 0.0980 0.4278 0.229 0.819

Residual standard error: 2930 on 11170 degrees of freedom

Multiple R-squared(full model): 0.8674 Adjusted R-squared: 0.8602

Multiple R-squared(proj model): 4.699e-06 Adjusted R-squared: -0.05487

F-statistic(full model):119.2 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.05248 on 1 and 11170 DF, p-value: 0.8188

\*\*\* 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

-11081 -137 110 192 66995

Coefficients:

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

ejecuciones\_24Meses 0.1417 0.3019 0.469 0.639

Residual standard error: 2068 on 11170 degrees of freedom

Multiple R-squared(full model): 0.9007 Adjusted R-squared: 0.8952

Multiple R-squared(proj model): 1.972e-05 Adjusted R-squared: -0.05486

F-statistic(full model):165.2 on 613 and 11170 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2203 on 1 and 11170 DF, p-value: 0.6388

\*\*\* 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

-4074664 -8840 -1787 8502 2734569

Coefficients:

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

ejecuciones\_24Meses -2.843 21.594 -0.132 0.895

Residual standard error: 146700 on 10272 degrees of freedom

(930 observations deleted due to missingness)

Multiple R-squared(full model): 0.939 Adjusted R-squared: 0.9356

Multiple R-squared(proj model): 1.687e-06 Adjusted R-squared: -0.05656

F-statistic(full model):272.2 on 581 and 10272 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01733 on 1 and 10272 DF, p-value: 0.8953

\*\*\* 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

-1736909 -6172 -333 5478 2146336

Coefficients:

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

ejecuciones\_24Meses 1.385 11.823 0.117 0.907

Residual standard error: 80290 on 10272 degrees of freedom

(930 observations deleted due to missingness)

Multiple R-squared(full model): 0.919 Adjusted R-squared: 0.9144

Multiple R-squared(proj model): 1.336e-06 Adjusted R-squared: -0.05656

F-statistic(full model):200.5 on 581 and 10272 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01373 on 1 and 10272 DF, p-value: 0.9067

\*\*\* 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

-2558833 -7849 161 7817 3213091

Coefficients:

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

ejecuciones\_24Meses 3.946 19.833 0.199 0.842

Residual standard error: 134700 on 10272 degrees of freedom

(930 observations deleted due to missingness)

Multiple R-squared(full model): 0.9456 Adjusted R-squared: 0.9425

Multiple R-squared(proj model): 3.855e-06 Adjusted R-squared: -0.05656

F-statistic(full model):307.2 on 581 and 10272 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.03959 on 1 and 10272 DF, p-value: 0.8423

\*\*\* 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

-1504701 -5822 -223 4934 2266290

Coefficients:

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

ejecuciones\_24Meses -0.9374 11.4207 -0.082 0.935

Residual standard error: 77560 on 10272 degrees of freedom

(930 observations deleted due to missingness)

Multiple R-squared(full model): 0.9235 Adjusted R-squared: 0.9192

Multiple R-squared(proj model): 6.559e-07 Adjusted R-squared: -0.05656

F-statistic(full model):213.5 on 581 and 10272 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.006737 on 1 and 10272 DF, p-value: 0.9346

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