> print(subsectoresList[i])

[1] Fabricacion de productos textiles, excepto prendas de vestir

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

> print(datosTotales6)

[1] 4056

> print(datosProduccion6)

[1] 3473

> summary(regA1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-455.03 -5.83 0.17 4.57 422.44

Coefficients:

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

ejecuciones\_6Meses 0.02593 0.04385 0.591 0.554

Residual standard error: 51.43 on 3864 degrees of freedom

Multiple R-squared(full model): 0.9257 Adjusted R-squared: 0.922

Multiple R-squared(proj model): 9.045e-05 Adjusted R-squared: -0.04934

F-statistic(full model):251.9 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3495 on 1 and 3864 DF, p-value: 0.5544

\*\*\* 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

-184.955 -6.616 0.500 5.227 248.416

Coefficients:

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

ejecuciones\_6Meses 0.05027 0.02348 2.141 0.0324 \*

---

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

Residual standard error: 27.54 on 3864 degrees of freedom

Multiple R-squared(full model): 0.9629 Adjusted R-squared: 0.9611

Multiple R-squared(proj model): 0.001185 Adjusted R-squared: -0.04819

F-statistic(full model):525.6 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.582 on 1 and 3864 DF, p-value: 0.03236

\*\*\* 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

-364.34 -3.21 -1.04 3.63 306.60

Coefficients:

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

ejecuciones\_6Meses -0.02434 0.02962 -0.822 0.411

Residual standard error: 34.74 on 3864 degrees of freedom

Multiple R-squared(full model): 0.8201 Adjusted R-squared: 0.8112

Multiple R-squared(proj model): 0.0001747 Adjusted R-squared: -0.04925

F-statistic(full model):92.21 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6751 on 1 and 3864 DF, p-value: 0.4113

\*\*\* 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

-93.019 -1.620 0.044 1.422 96.279

Coefficients:

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

ejecuciones\_6Meses 0.005999 0.009389 0.639 0.523

Residual standard error: 11.01 on 3864 degrees of freedom

Multiple R-squared(full model): 0.9122 Adjusted R-squared: 0.9079

Multiple R-squared(proj model): 0.0001057 Adjusted R-squared: -0.04932

F-statistic(full model):210.3 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4083 on 1 and 3864 DF, p-value: 0.5229

\*\*\* 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

-38.422 -1.595 0.054 1.443 61.113

Coefficients:

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

ejecuciones\_6Meses 0.011462 0.005408 2.119 0.0341 \*

---

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

Residual standard error: 6.343 on 3864 degrees of freedom

Multiple R-squared(full model): 0.9485 Adjusted R-squared: 0.946

Multiple R-squared(proj model): 0.001161 Adjusted R-squared: -0.04821

F-statistic(full model):372.7 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.491 on 1 and 3864 DF, p-value: 0.03413

\*\*\* 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

-73.774 -0.737 -0.182 0.769 71.918

Coefficients:

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

ejecuciones\_6Meses -0.005463 0.006061 -0.901 0.367

Residual standard error: 7.108 on 3864 degrees of freedom

Multiple R-squared(full model): 0.8193 Adjusted R-squared: 0.8104

Multiple R-squared(proj model): 0.0002102 Adjusted R-squared: -0.04921

F-statistic(full model):91.73 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.8124 on 1 and 3864 DF, p-value: 0.3675

\*\*\* 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

-2051.5 -55.1 13.7 57.8 3962.5

Coefficients:

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

ejecuciones\_6Meses 0.1067 0.2724 0.392 0.695

Residual standard error: 319.4 on 3864 degrees of freedom

Multiple R-squared(full model): 0.929 Adjusted R-squared: 0.9255

Multiple R-squared(proj model): 3.974e-05 Adjusted R-squared: -0.04939

F-statistic(full model):264.7 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1536 on 1 and 3864 DF, p-value: 0.6952

\*\*\* 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

-1331.55 -34.33 7.90 36.66 3051.46

Coefficients:

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

ejecuciones\_6Meses -0.01505 0.17950 -0.084 0.933

Residual standard error: 210.5 on 3864 degrees of freedom

Multiple R-squared(full model): 0.9071 Adjusted R-squared: 0.9025

Multiple R-squared(proj model): 1.82e-06 Adjusted R-squared: -0.04943

F-statistic(full model):197.5 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.007032 on 1 and 3864 DF, p-value: 0.9332

\*\*\* 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

-765.73 -13.62 2.89 14.46 1111.77

Coefficients:

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

ejecuciones\_6Meses 0.02019 0.07825 0.258 0.796

Residual standard error: 91.77 on 3864 degrees of freedom

Multiple R-squared(full model): 0.914 Adjusted R-squared: 0.9097

Multiple R-squared(proj model): 1.723e-05 Adjusted R-squared: -0.04941

F-statistic(full model): 215 on 191 and 3864 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.06656 on 1 and 3864 DF, p-value: 0.7964

\*\*\* 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

-295718 -2790 -173 3002 222067

Coefficients:

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

ejecuciones\_6Meses -14.35 18.12 -0.792 0.429

Residual standard error: 20290 on 3293 degrees of freedom

(583 observations deleted due to missingness)

Multiple R-squared(full model): 0.9352 Adjusted R-squared: 0.9317

Multiple R-squared(proj model): 0.0001903 Adjusted R-squared: -0.05416

F-statistic(full model):265.4 on 179 and 3293 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6269 on 1 and 3293 DF, p-value: 0.4285

\*\*\* 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

-19275 -711 -37 609 51771

Coefficients:

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

ejecuciones\_6Meses -0.3032 2.8416 -0.107 0.915

Residual standard error: 3182 on 3293 degrees of freedom

(583 observations deleted due to missingness)

Multiple R-squared(full model): 0.936 Adjusted R-squared: 0.9325

Multiple R-squared(proj model): 3.457e-06 Adjusted R-squared: -0.05435

F-statistic(full model):268.9 on 179 and 3293 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01138 on 1 and 3293 DF, p-value: 0.915

\*\*\* 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

-296376 -2749 -281 2933 222102

Coefficients:

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

ejecuciones\_6Meses -10.80 17.28 -0.625 0.532

Residual standard error: 19350 on 3293 degrees of freedom

(583 observations deleted due to missingness)

Multiple R-squared(full model): 0.9396 Adjusted R-squared: 0.9363

Multiple R-squared(proj model): 0.0001185 Adjusted R-squared: -0.05423

F-statistic(full model): 286 on 179 and 3293 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3904 on 1 and 3293 DF, p-value: 0.5321

\*\*\* 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

-19141 -770 -1 627 45300

Coefficients:

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

ejecuciones\_6Meses -1.455 2.900 -0.502 0.616

Residual standard error: 3247 on 3293 degrees of freedom

(583 observations deleted due to missingness)

Multiple R-squared(full model): 0.9316 Adjusted R-squared: 0.9279

Multiple R-squared(proj model): 7.647e-05 Adjusted R-squared: -0.05428

F-statistic(full model):250.7 on 179 and 3293 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2518 on 1 and 3293 DF, p-value: 0.6158

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

>

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

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

> print(datosTotales12)

[1] 3548

> print(datosProduccion12)

[1] 3030

> summary(regB1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-512.83 -4.95 -0.15 3.83 362.53

Coefficients:

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

ejecuciones\_12Meses 0.01321 0.02739 0.482 0.63

Residual standard error: 47.93 on 3361 degrees of freedom

Multiple R-squared(full model): 0.9352 Adjusted R-squared: 0.9317

Multiple R-squared(proj model): 6.917e-05 Adjusted R-squared: -0.05527

F-statistic(full model): 261 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2325 on 1 and 3361 DF, p-value: 0.6297

\*\*\* 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

-205.742 -5.461 0.268 4.251 267.678

Coefficients:

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

ejecuciones\_12Meses 0.02612 0.01330 1.964 0.0496 \*

---

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

Residual standard error: 23.27 on 3361 degrees of freedom

Multiple R-squared(full model): 0.9733 Adjusted R-squared: 0.9718

Multiple R-squared(proj model): 0.001147 Adjusted R-squared: -0.05413

F-statistic(full model):658.2 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 3.858 on 1 and 3361 DF, p-value: 0.0496

\*\*\* 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

-412.02 -2.86 -1.73 3.85 258.95

Coefficients:

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

ejecuciones\_12Meses -0.01292 0.01942 -0.665 0.506

Residual standard error: 33.98 on 3361 degrees of freedom

Multiple R-squared(full model): 0.8277 Adjusted R-squared: 0.8181

Multiple R-squared(proj model): 0.0001316 Adjusted R-squared: -0.0552

F-statistic(full model):86.78 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4424 on 1 and 3361 DF, p-value: 0.506

\*\*\* 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

-104.057 -1.348 -0.060 1.258 84.129

Coefficients:

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

ejecuciones\_12Meses 0.002803 0.005870 0.478 0.633

Residual standard error: 10.27 on 3361 degrees of freedom

Multiple R-squared(full model): 0.9231 Adjusted R-squared: 0.9189

Multiple R-squared(proj model): 6.784e-05 Adjusted R-squared: -0.05527

F-statistic(full model): 217 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.228 on 1 and 3361 DF, p-value: 0.633

\*\*\* 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

-42.371 -1.427 -0.047 1.196 56.852

Coefficients:

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

ejecuciones\_12Meses 0.005871 0.003123 1.88 0.0602 .

---

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

Residual standard error: 5.466 on 3361 degrees of freedom

Multiple R-squared(full model): 0.961 Adjusted R-squared: 0.9588

Multiple R-squared(proj model): 0.00105 Adjusted R-squared: -0.05423

F-statistic(full model): 445 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 3.533 on 1 and 3361 DF, p-value: 0.06024

\*\*\* 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

-83.390 -0.679 -0.238 0.837 62.225

Coefficients:

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

ejecuciones\_12Meses -0.003068 0.003976 -0.772 0.44

Residual standard error: 6.957 on 3361 degrees of freedom

Multiple R-squared(full model): 0.8281 Adjusted R-squared: 0.8186

Multiple R-squared(proj model): 0.0001771 Adjusted R-squared: -0.05515

F-statistic(full model):87.06 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5955 on 1 and 3361 DF, p-value: 0.4404

\*\*\* 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

-2152.6 -53.1 14.9 56.9 3964.2

Coefficients:

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

ejecuciones\_12Meses 0.0483 0.1799 0.268 0.788

Residual standard error: 314.9 on 3361 degrees of freedom

Multiple R-squared(full model): 0.9316 Adjusted R-squared: 0.9278

Multiple R-squared(proj model): 2.144e-05 Adjusted R-squared: -0.05532

F-statistic(full model):246.2 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.07206 on 1 and 3361 DF, p-value: 0.7884

\*\*\* 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

-1147.84 -39.08 9.53 36.14 3052.30

Coefficients:

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

ejecuciones\_12Meses -0.01563 0.12017 -0.13 0.897

Residual standard error: 210.3 on 3361 degrees of freedom

Multiple R-squared(full model): 0.9096 Adjusted R-squared: 0.9046

Multiple R-squared(proj model): 5.033e-06 Adjusted R-squared: -0.05534

F-statistic(full model):181.8 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01691 on 1 and 3361 DF, p-value: 0.8965

\*\*\* 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

-807.54 -13.83 3.92 14.71 1051.99

Coefficients:

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

ejecuciones\_12Meses 0.02178 0.05296 0.411 0.681

Residual standard error: 92.68 on 3361 degrees of freedom

Multiple R-squared(full model): 0.9133 Adjusted R-squared: 0.9086

Multiple R-squared(proj model): 5.03e-05 Adjusted R-squared: -0.05529

F-statistic(full model):190.5 on 186 and 3361 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1691 on 1 and 3361 DF, p-value: 0.681

\*\*\* 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

-199388 -2395 34 2988 199388

Coefficients:

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

ejecuciones\_12Meses -11.83 12.01 -0.985 0.325

Residual standard error: 20170 on 2855 degrees of freedom

(518 observations deleted due to missingness)

Multiple R-squared(full model): 0.9314 Adjusted R-squared: 0.9272

Multiple R-squared(proj model): 0.0003396 Adjusted R-squared: -0.06059

F-statistic(full model):222.7 on 174 and 2855 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.9699 on 1 and 2855 DF, p-value: 0.3248

\*\*\* 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

-19270 -731 -24 629 52106

Coefficients:

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

ejecuciones\_12Meses -0.6701 1.9620 -0.342 0.733

Residual standard error: 3294 on 2855 degrees of freedom

(518 observations deleted due to missingness)

Multiple R-squared(full model): 0.9321 Adjusted R-squared: 0.9279

Multiple R-squared(proj model): 4.085e-05 Adjusted R-squared: -0.0609

F-statistic(full model):225.1 on 174 and 2855 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1166 on 1 and 2855 DF, p-value: 0.7327

\*\*\* 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

-199064 -2595 -1 2885 220320

Coefficients:

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

ejecuciones\_12Meses -8.652 11.466 -0.755 0.451

Residual standard error: 19250 on 2855 degrees of freedom

(518 observations deleted due to missingness)

Multiple R-squared(full model): 0.9361 Adjusted R-squared: 0.9323

Multiple R-squared(proj model): 0.0001994 Adjusted R-squared: -0.06073

F-statistic(full model):240.6 on 174 and 2855 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5693 on 1 and 2855 DF, p-value: 0.4506

\*\*\* 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

-19133 -764 -11 651 45803

Coefficients:

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

ejecuciones\_12Meses -1.413 2.007 -0.704 0.482

Residual standard error: 3369 on 2855 degrees of freedom

(518 observations deleted due to missingness)

Multiple R-squared(full model): 0.9276 Adjusted R-squared: 0.9231

Multiple R-squared(proj model): 0.0001735 Adjusted R-squared: -0.06076

F-statistic(full model):210.1 on 174 and 2855 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4956 on 1 and 2855 DF, p-value: 0.4815

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

>

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

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

> print(datosTotales24)

[1] 2387

> print(datosProduccion24)

[1] 2045

> summary(regC1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-732.51 -3.08 -0.20 3.42 128.57

Coefficients:

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

ejecuciones\_24Meses -0.01196 0.01593 -0.751 0.453

Residual standard error: 28.96 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9777 Adjusted R-squared: 0.976

Multiple R-squared(proj model): 0.0002537 Adjusted R-squared: -0.07402

F-statistic(full model):590.2 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5636 on 1 and 2221 DF, p-value: 0.4529

\*\*\* 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

-131.833 -2.923 0.008 2.802 122.778

Coefficients:

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

ejecuciones\_24Meses -0.007720 0.009089 -0.849 0.396

Residual standard error: 16.52 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9867 Adjusted R-squared: 0.9857

Multiple R-squared(proj model): 0.0003248 Adjusted R-squared: -0.07394

F-statistic(full model):996.2 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.7216 on 1 and 2221 DF, p-value: 0.3957

\*\*\* 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

-600.68 -1.00 -0.52 0.20 69.26

Coefficients:

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

ejecuciones\_24Meses -0.00424 0.01062 -0.399 0.69

Residual standard error: 19.31 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9473 Adjusted R-squared: 0.9434

Multiple R-squared(proj model): 7.172e-05 Adjusted R-squared: -0.07421

F-statistic(full model): 242 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1593 on 1 and 2221 DF, p-value: 0.6898

\*\*\* 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

-147.429 -1.155 0.072 1.195 41.123

Coefficients:

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

ejecuciones\_24Meses -0.002872 0.003561 -0.807 0.42

Residual standard error: 6.473 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9713 Adjusted R-squared: 0.9692

Multiple R-squared(proj model): 0.0002929 Adjusted R-squared: -0.07398

F-statistic(full model):455.8 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6507 on 1 and 2221 DF, p-value: 0.4199

\*\*\* 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

-28.028 -0.955 0.070 1.032 41.733

Coefficients:

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

ejecuciones\_24Meses -0.001484 0.002229 -0.666 0.506

Residual standard error: 4.053 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9785 Adjusted R-squared: 0.9769

Multiple R-squared(proj model): 0.0001995 Adjusted R-squared: -0.07408

F-statistic(full model):612.9 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4432 on 1 and 2221 DF, p-value: 0.5057

\*\*\* 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

-121.073 -0.346 -0.069 0.202 23.975

Coefficients:

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

ejecuciones\_24Meses -0.001388 0.002231 -0.622 0.534

Residual standard error: 4.056 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9455 Adjusted R-squared: 0.9415

Multiple R-squared(proj model): 0.0001743 Adjusted R-squared: -0.0741

F-statistic(full model):233.7 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3871 on 1 and 2221 DF, p-value: 0.5339

\*\*\* 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

-2598.4 -50.5 18.8 60.8 3674.5

Coefficients:

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

ejecuciones\_24Meses -0.1320 0.1661 -0.795 0.427

Residual standard error: 301.9 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9418 Adjusted R-squared: 0.9375

Multiple R-squared(proj model): 0.0002844 Adjusted R-squared: -0.07399

F-statistic(full model):217.8 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6318 on 1 and 2221 DF, p-value: 0.4268

\*\*\* 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

-1187.18 -38.39 12.02 38.94 2824.82

Coefficients:

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

ejecuciones\_24Meses -0.1373 0.1121 -1.225 0.221

Residual standard error: 203.8 on 2221 degrees of freedom

Multiple R-squared(full model): 0.922 Adjusted R-squared: 0.9162

Multiple R-squared(proj model): 0.000675 Adjusted R-squared: -0.07357

F-statistic(full model):159.2 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.5 on 1 and 2221 DF, p-value: 0.2208

\*\*\* 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

-947.33 -10.03 5.38 13.17 996.65

Coefficients:

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

ejecuciones\_24Meses -0.002883 0.050740 -0.057 0.955

Residual standard error: 92.24 on 2221 degrees of freedom

Multiple R-squared(full model): 0.9194 Adjusted R-squared: 0.9134

Multiple R-squared(proj model): 1.454e-06 Adjusted R-squared: -0.07429

F-statistic(full model):153.5 on 165 and 2221 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.003229 on 1 and 2221 DF, p-value: 0.9547

\*\*\* 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

-180757 -2398 182 3011 191730

Coefficients:

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

ejecuciones\_24Meses -13.32 11.32 -1.176 0.24

Residual standard error: 19650 on 1895 degrees of freedom

(342 observations deleted due to missingness)

Multiple R-squared(full model): 0.9349 Adjusted R-squared: 0.9298

Multiple R-squared(proj model): 0.0007298 Adjusted R-squared: -0.07784

F-statistic(full model):182.6 on 149 and 1895 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.384 on 1 and 1895 DF, p-value: 0.2396

\*\*\* 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

-19268 -698 -21 641 35269

Coefficients:

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

ejecuciones\_24Meses -1.274 1.676 -0.76 0.447

Residual standard error: 2910 on 1895 degrees of freedom

(342 observations deleted due to missingness)

Multiple R-squared(full model): 0.949 Adjusted R-squared: 0.945

Multiple R-squared(proj model): 0.0003046 Adjusted R-squared: -0.0783

F-statistic(full model):236.6 on 149 and 1895 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5775 on 1 and 1895 DF, p-value: 0.4474

\*\*\* 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

-150959 -2677 -418 3213 214263

Coefficients:

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

ejecuciones\_24Meses -12.87 10.76 -1.196 0.232

Residual standard error: 18680 on 1895 degrees of freedom

(342 observations deleted due to missingness)

Multiple R-squared(full model): 0.9399 Adjusted R-squared: 0.9352

Multiple R-squared(proj model): 0.0007537 Adjusted R-squared: -0.07781

F-statistic(full model): 199 on 149 and 1895 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.429 on 1 and 1895 DF, p-value: 0.232

\*\*\* 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

-19126 -752 -23 714 41727

Coefficients:

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

ejecuciones\_24Meses -2.204 1.794 -1.229 0.219

Residual standard error: 3114 on 1895 degrees of freedom

(342 observations deleted due to missingness)

Multiple R-squared(full model): 0.9413 Adjusted R-squared: 0.9366

Multiple R-squared(proj model): 0.0007959 Adjusted R-squared: -0.07777

F-statistic(full model):203.8 on 149 and 1895 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.509 on 1 and 1895 DF, p-value: 0.2194

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