> print(subsectoresList[i])

[1] Fabricacion de muebles, colchones y persianas

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

> print(datosTotales6)

[1] 8518

> print(datosProduccion6)

[1] 8088

> summary(regA1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-335.16 -9.86 0.64 8.78 418.09

Coefficients:

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

ejecuciones\_6Meses 0.009105 0.010006 0.91 0.363

Residual standard error: 42.65 on 8190 degrees of freedom

Multiple R-squared(full model): 0.9372 Adjusted R-squared: 0.9347

Multiple R-squared(proj model): 0.0001011 Adjusted R-squared: -0.03982

F-statistic(full model):373.9 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.828 on 1 and 8190 DF, p-value: 0.3629

\*\*\* 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

-273.83 -8.74 0.48 7.83 378.80

Coefficients:

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

ejecuciones\_6Meses 0.011266 0.008769 1.285 0.199

Residual standard error: 37.38 on 8190 degrees of freedom

Multiple R-squared(full model): 0.9361 Adjusted R-squared: 0.9336

Multiple R-squared(proj model): 0.0002015 Adjusted R-squared: -0.03972

F-statistic(full model): 367 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.65 on 1 and 8190 DF, p-value: 0.1989

\*\*\* 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

-122.081 -1.574 0.161 1.357 305.280

Coefficients:

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

ejecuciones\_6Meses -0.002160 0.002248 -0.961 0.337

Residual standard error: 9.584 on 8190 degrees of freedom

Multiple R-squared(full model): 0.9122 Adjusted R-squared: 0.9087

Multiple R-squared(proj model): 0.0001127 Adjusted R-squared: -0.03981

F-statistic(full model):260.3 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.9233 on 1 and 8190 DF, p-value: 0.3366

\*\*\* 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

-122.274 -2.476 0.088 2.229 163.042

Coefficients:

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

ejecuciones\_6Meses 0.001558 0.002458 0.634 0.526

Residual standard error: 10.48 on 8190 degrees of freedom

Multiple R-squared(full model): 0.9082 Adjusted R-squared: 0.9046

Multiple R-squared(proj model): 4.903e-05 Adjusted R-squared: -0.03988

F-statistic(full model):247.8 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4016 on 1 and 8190 DF, p-value: 0.5263

\*\*\* 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

-119.199 -2.130 0.043 1.932 149.681

Coefficients:

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

ejecuciones\_6Meses 0.001876 0.002136 0.878 0.38

Residual standard error: 9.106 on 8190 degrees of freedom

Multiple R-squared(full model): 0.9065 Adjusted R-squared: 0.9028

Multiple R-squared(proj model): 9.413e-05 Adjusted R-squared: -0.03983

F-statistic(full model):242.9 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.771 on 1 and 8190 DF, p-value: 0.3799

\*\*\* 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

-21.116 -0.497 0.014 0.350 53.683

Coefficients:

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

ejecuciones\_6Meses -0.0003181 0.0005494 -0.579 0.563

Residual standard error: 2.342 on 8190 degrees of freedom

Multiple R-squared(full model): 0.8808 Adjusted R-squared: 0.876

Multiple R-squared(proj model): 4.094e-05 Adjusted R-squared: -0.03988

F-statistic(full model):185.1 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3353 on 1 and 8190 DF, p-value: 0.5626

\*\*\* 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

-4792.0 -78.7 8.1 70.4 14723.7

Coefficients:

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

ejecuciones\_6Meses -0.1996 0.1206 -1.656 0.0978 .

---

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

Residual standard error: 513.9 on 8190 degrees of freedom

Multiple R-squared(full model): 0.9138 Adjusted R-squared: 0.9103

Multiple R-squared(proj model): 0.0003346 Adjusted R-squared: -0.03958

F-statistic(full model):265.4 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.741 on 1 and 8190 DF, p-value: 0.09782

\*\*\* 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

-2619.3 -50.0 4.1 43.1 10680.0

Coefficients:

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

ejecuciones\_6Meses -0.09074 0.06917 -1.312 0.19

Residual standard error: 294.8 on 8190 degrees of freedom

Multiple R-squared(full model): 0.8852 Adjusted R-squared: 0.8807

Multiple R-squared(proj model): 0.0002101 Adjusted R-squared: -0.03971

F-statistic(full model):193.2 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.721 on 1 and 8190 DF, p-value: 0.1896

\*\*\* 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

-2343.9 -18.5 2.2 16.9 5753.7

Coefficients:

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

ejecuciones\_6Meses -0.05341 0.04191 -1.274 0.203

Residual standard error: 178.7 on 8190 degrees of freedom

Multiple R-squared(full model): 0.877 Adjusted R-squared: 0.8721

Multiple R-squared(proj model): 0.0001982 Adjusted R-squared: -0.03972

F-statistic(full model):178.6 on 327 and 8190 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.624 on 1 and 8190 DF, p-value: 0.2026

\*\*\* 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

-132578 -1084 -174 1069 257365

Coefficients:

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

ejecuciones\_6Meses 1.891 2.818 0.671 0.502

Residual standard error: 11860 on 7772 degrees of freedom

(430 observations deleted due to missingness)

Multiple R-squared(full model): 0.7899 Adjusted R-squared: 0.7813

Multiple R-squared(proj model): 5.795e-05 Adjusted R-squared: -0.04047

F-statistic(full model):92.74 on 315 and 7772 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4504 on 1 and 7772 DF, p-value: 0.5022

\*\*\* 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

-46324 -866 -23 627 104948

Coefficients:

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

ejecuciones\_6Meses 0.6158 0.9140 0.674 0.501

Residual standard error: 3847 on 7772 degrees of freedom

(430 observations deleted due to missingness)

Multiple R-squared(full model): 0.8921 Adjusted R-squared: 0.8877

Multiple R-squared(proj model): 5.84e-05 Adjusted R-squared: -0.04047

F-statistic(full model): 204 on 315 and 7772 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4539 on 1 and 7772 DF, p-value: 0.5005

\*\*\* 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

-110749 -1037 -163 1064 258944

Coefficients:

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

ejecuciones\_6Meses 1.560 2.706 0.577 0.564

Residual standard error: 11390 on 7772 degrees of freedom

(430 observations deleted due to missingness)

Multiple R-squared(full model): 0.7859 Adjusted R-squared: 0.7772

Multiple R-squared(proj model): 4.277e-05 Adjusted R-squared: -0.04049

F-statistic(full model):90.57 on 315 and 7772 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3324 on 1 and 7772 DF, p-value: 0.5642

\*\*\* 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

-46058 -840 -2 621 105251

Coefficients:

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

ejecuciones\_6Meses 0.5274 0.8766 0.602 0.547

Residual standard error: 3690 on 7772 degrees of freedom

(430 observations deleted due to missingness)

Multiple R-squared(full model): 0.8959 Adjusted R-squared: 0.8917

Multiple R-squared(proj model): 4.657e-05 Adjusted R-squared: -0.04048

F-statistic(full model):212.4 on 315 and 7772 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.362 on 1 and 7772 DF, p-value: 0.5474

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

>

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

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

> print(datosTotales12)

[1] 7448

> print(datosProduccion12)

[1] 7068

> summary(regB1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-317.70 -9.22 1.15 8.10 396.56

Coefficients:

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

ejecuciones\_12Meses 0.006017 0.006156 0.977 0.328

Residual standard error: 41.93 on 7125 degrees of freedom

Multiple R-squared(full model): 0.938 Adjusted R-squared: 0.9352

Multiple R-squared(proj model): 0.0001341 Adjusted R-squared: -0.04505

F-statistic(full model):334.8 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.9554 on 1 and 7125 DF, p-value: 0.3284

\*\*\* 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

-251.40 -8.19 0.85 7.13 366.12

Coefficients:

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

ejecuciones\_12Meses 0.006118 0.005426 1.128 0.26

Residual standard error: 36.96 on 7125 degrees of freedom

Multiple R-squared(full model): 0.9359 Adjusted R-squared: 0.933

Multiple R-squared(proj model): 0.0001784 Adjusted R-squared: -0.04501

F-statistic(full model):322.9 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.271 on 1 and 7125 DF, p-value: 0.2596

\*\*\* 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

-66.996 -1.520 0.251 1.178 85.332

Coefficients:

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

ejecuciones\_12Meses -0.000101 0.001122 -0.09 0.928

Residual standard error: 7.639 on 7125 degrees of freedom

Multiple R-squared(full model): 0.9429 Adjusted R-squared: 0.9403

Multiple R-squared(proj model): 1.138e-06 Adjusted R-squared: -0.04519

F-statistic(full model):365.1 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.008108 on 1 and 7125 DF, p-value: 0.9283

\*\*\* 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

-115.345 -2.225 0.087 1.965 169.870

Coefficients:

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

ejecuciones\_12Meses 0.0009347 0.0014897 0.627 0.53

Residual standard error: 10.15 on 7125 degrees of freedom

Multiple R-squared(full model): 0.9104 Adjusted R-squared: 0.9064

Multiple R-squared(proj model): 5.526e-05 Adjusted R-squared: -0.04514

F-statistic(full model):224.9 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3937 on 1 and 7125 DF, p-value: 0.5304

\*\*\* 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

-112.462 -1.903 0.033 1.693 156.835

Coefficients:

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

ejecuciones\_12Meses 0.0008188 0.0013011 0.629 0.529

Residual standard error: 8.861 on 7125 degrees of freedom

Multiple R-squared(full model): 0.9072 Adjusted R-squared: 0.903

Multiple R-squared(proj model): 5.559e-05 Adjusted R-squared: -0.04513

F-statistic(full model):216.3 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3961 on 1 and 7125 DF, p-value: 0.5291

\*\*\* 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

-17.061 -0.467 0.011 0.328 43.346

Coefficients:

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

ejecuciones\_12Meses 0.0001159 0.0003011 0.385 0.7

Residual standard error: 2.051 on 7125 degrees of freedom

Multiple R-squared(full model): 0.9066 Adjusted R-squared: 0.9024

Multiple R-squared(proj model): 2.078e-05 Adjusted R-squared: -0.04517

F-statistic(full model):214.7 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1481 on 1 and 7125 DF, p-value: 0.7004

\*\*\* 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

-4847.7 -79.2 11.3 72.3 14669.8

Coefficients:

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

ejecuciones\_12Meses -0.08818 0.07658 -1.152 0.25

Residual standard error: 521.5 on 7125 degrees of freedom

Multiple R-squared(full model): 0.9134 Adjusted R-squared: 0.9095

Multiple R-squared(proj model): 0.0001861 Adjusted R-squared: -0.045

F-statistic(full model):233.4 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.326 on 1 and 7125 DF, p-value: 0.2495

\*\*\* 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

-2529.6 -50.6 6.5 43.9 10769.3

Coefficients:

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

ejecuciones\_12Meses -0.03628 0.04473 -0.811 0.417

Residual standard error: 304.6 on 7125 degrees of freedom

Multiple R-squared(full model): 0.8801 Adjusted R-squared: 0.8746

Multiple R-squared(proj model): 9.231e-05 Adjusted R-squared: -0.0451

F-statistic(full model):162.3 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6577 on 1 and 7125 DF, p-value: 0.4174

\*\*\* 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

-2461.9 -18.2 3.8 16.4 5625.8

Coefficients:

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

ejecuciones\_12Meses -0.01103 0.02495 -0.442 0.658

Residual standard error: 169.9 on 7125 degrees of freedom

Multiple R-squared(full model): 0.8926 Adjusted R-squared: 0.8878

Multiple R-squared(proj model): 2.742e-05 Adjusted R-squared: -0.04516

F-statistic(full model): 184 on 322 and 7125 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1954 on 1 and 7125 DF, p-value: 0.6585

\*\*\* 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

-130762 -1123 -90 1138 259188

Coefficients:

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

ejecuciones\_12Meses 1.355 1.692 0.801 0.423

Residual standard error: 11340 on 6757 degrees of freedom

(380 observations deleted due to missingness)

Multiple R-squared(full model): 0.8018 Adjusted R-squared: 0.7927

Multiple R-squared(proj model): 9.494e-05 Adjusted R-squared: -0.04578

F-statistic(full model):88.17 on 310 and 6757 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6416 on 1 and 6757 DF, p-value: 0.4232

\*\*\* 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

-46575 -826 -22 637 103313

Coefficients:

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

ejecuciones\_12Meses 0.4327 0.5771 0.75 0.453

Residual standard error: 3867 on 6757 degrees of freedom

(380 observations deleted due to missingness)

Multiple R-squared(full model): 0.896 Adjusted R-squared: 0.8912

Multiple R-squared(proj model): 8.322e-05 Adjusted R-squared: -0.04579

F-statistic(full model):187.7 on 310 and 6757 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5624 on 1 and 6757 DF, p-value: 0.4533

\*\*\* 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

-111136 -1105 -130 1141 258566

Coefficients:

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

ejecuciones\_12Meses 1.246 1.608 0.775 0.438

Residual standard error: 10780 on 6757 degrees of freedom

(380 observations deleted due to missingness)

Multiple R-squared(full model): 0.8027 Adjusted R-squared: 0.7937

Multiple R-squared(proj model): 8.884e-05 Adjusted R-squared: -0.04579

F-statistic(full model):88.69 on 310 and 6757 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6003 on 1 and 6757 DF, p-value: 0.4385

\*\*\* 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

-46261 -819 -2 624 103613

Coefficients:

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

ejecuciones\_12Meses 0.3909 0.5577 0.701 0.483

Residual standard error: 3738 on 6757 degrees of freedom

(380 observations deleted due to missingness)

Multiple R-squared(full model): 0.8981 Adjusted R-squared: 0.8934

Multiple R-squared(proj model): 7.271e-05 Adjusted R-squared: -0.0458

F-statistic(full model): 192 on 310 and 6757 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4913 on 1 and 6757 DF, p-value: 0.4834

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

>

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

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

> print(datosTotales24)

[1] 5000

> print(datosProduccion24)

[1] 4740

> summary(regC1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-261.60 -5.48 -0.13 4.91 349.00

Coefficients:

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

ejecuciones\_24Meses -0.002994 0.005357 -0.559 0.576

Residual standard error: 38.89 on 4706 degrees of freedom

Multiple R-squared(full model): 0.9422 Adjusted R-squared: 0.9386

Multiple R-squared(proj model): 6.637e-05 Adjusted R-squared: -0.06219

F-statistic(full model): 262 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.3123 on 1 and 4706 DF, p-value: 0.5763

\*\*\* 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

-216.50 -5.27 -0.10 4.45 349.50

Coefficients:

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

ejecuciones\_24Meses -0.002596 0.004684 -0.554 0.58

Residual standard error: 34 on 4706 degrees of freedom

Multiple R-squared(full model): 0.9406 Adjusted R-squared: 0.9369

Multiple R-squared(proj model): 6.523e-05 Adjusted R-squared: -0.06219

F-statistic(full model):254.4 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.307 on 1 and 4706 DF, p-value: 0.5795

\*\*\* 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

-60.018 -0.843 0.023 0.543 70.338

Coefficients:

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

ejecuciones\_24Meses -0.0003983 0.0009320 -0.427 0.669

Residual standard error: 6.765 on 4706 degrees of freedom

Multiple R-squared(full model): 0.9531 Adjusted R-squared: 0.9502

Multiple R-squared(proj model): 3.881e-05 Adjusted R-squared: -0.06222

F-statistic(full model):326.4 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1826 on 1 and 4706 DF, p-value: 0.6691

\*\*\* 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

-96.342 -1.496 -0.044 1.367 179.785

Coefficients:

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

ejecuciones\_24Meses -0.001123 0.001287 -0.873 0.383

Residual standard error: 9.344 on 4706 degrees of freedom

Multiple R-squared(full model): 0.9173 Adjusted R-squared: 0.9122

Multiple R-squared(proj model): 0.0001618 Adjusted R-squared: -0.06209

F-statistic(full model):178.2 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.7616 on 1 and 4706 DF, p-value: 0.3829

\*\*\* 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

-93.526 -1.357 -0.040 1.155 164.481

Coefficients:

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

ejecuciones\_24Meses -0.001101 0.001135 -0.97 0.332

Residual standard error: 8.238 on 4706 degrees of freedom

Multiple R-squared(full model): 0.912 Adjusted R-squared: 0.9065

Multiple R-squared(proj model): 0.0002001 Adjusted R-squared: -0.06205

F-statistic(full model):166.4 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.9418 on 1 and 4706 DF, p-value: 0.3319

\*\*\* 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

-14.803 -0.296 -0.015 0.247 35.506

Coefficients:

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

ejecuciones\_24Meses -2.201e-05 2.365e-04 -0.093 0.926

Residual standard error: 1.717 on 4706 degrees of freedom

Multiple R-squared(full model): 0.9299 Adjusted R-squared: 0.9255

Multiple R-squared(proj model): 1.84e-06 Adjusted R-squared: -0.06226

F-statistic(full model): 213 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.008659 on 1 and 4706 DF, p-value: 0.9259

\*\*\* 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

-4293.2 -72.3 12.9 64.7 15223.5

Coefficients:

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

ejecuciones\_24Meses -0.07438 0.07161 -1.039 0.299

Residual standard error: 519.8 on 4706 degrees of freedom

Multiple R-squared(full model): 0.915 Adjusted R-squared: 0.9097

Multiple R-squared(proj model): 0.0002292 Adjusted R-squared: -0.06202

F-statistic(full model):172.8 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.079 on 1 and 4706 DF, p-value: 0.299

\*\*\* 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

-2241.7 -39.6 6.6 38.1 11056.0

Coefficients:

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

ejecuciones\_24Meses -0.02902 0.04309 -0.673 0.501

Residual standard error: 312.8 on 4706 degrees of freedom

Multiple R-squared(full model): 0.875 Adjusted R-squared: 0.8672

Multiple R-squared(proj model): 9.634e-05 Adjusted R-squared: -0.06216

F-statistic(full model):112.4 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.4534 on 1 and 4706 DF, p-value: 0.5007

\*\*\* 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

-2249.5 -18.0 4.4 16.8 4114.1

Coefficients:

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

ejecuciones\_24Meses -0.009134 0.021964 -0.416 0.678

Residual standard error: 159.4 on 4706 degrees of freedom

Multiple R-squared(full model): 0.9082 Adjusted R-squared: 0.9025

Multiple R-squared(proj model): 3.675e-05 Adjusted R-squared: -0.06222

F-statistic(full model): 159 on 293 and 4706 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.173 on 1 and 4706 DF, p-value: 0.6775

\*\*\* 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

-137748 -1248 205 1134 252195

Coefficients:

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

ejecuciones\_24Meses 1.139 1.600 0.711 0.477

Residual standard error: 11420 on 4455 degrees of freedom

(260 observations deleted due to missingness)

Multiple R-squared(full model): 0.8041 Adjusted R-squared: 0.7916

Multiple R-squared(proj model): 0.0001136 Adjusted R-squared: -0.06363

F-statistic(full model):64.37 on 284 and 4455 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5061 on 1 and 4455 DF, p-value: 0.4769

\*\*\* 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

-43554 -814 2 650 99274

Coefficients:

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

ejecuciones\_24Meses -0.2744 0.5550 -0.494 0.621

Residual standard error: 3960 on 4455 degrees of freedom

(260 observations deleted due to missingness)

Multiple R-squared(full model): 0.9001 Adjusted R-squared: 0.8937

Multiple R-squared(proj model): 5.488e-05 Adjusted R-squared: -0.06369

F-statistic(full model):141.3 on 284 and 4455 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2445 on 1 and 4455 DF, p-value: 0.621

\*\*\* 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

-115993 -1247 166 1124 253703

Coefficients:

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

ejecuciones\_24Meses 1.052 1.484 0.709 0.478

Residual standard error: 10590 on 4455 degrees of freedom

(260 observations deleted due to missingness)

Multiple R-squared(full model): 0.8105 Adjusted R-squared: 0.7984

Multiple R-squared(proj model): 0.0001128 Adjusted R-squared: -0.06363

F-statistic(full model):67.09 on 284 and 4455 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5024 on 1 and 4455 DF, p-value: 0.4785

\*\*\* 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

-43672 -800 26 627 99564

Coefficients:

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

ejecuciones\_24Meses -0.2155 0.5331 -0.404 0.686

Residual standard error: 3803 on 4455 degrees of freedom

(260 observations deleted due to missingness)

Multiple R-squared(full model): 0.9033 Adjusted R-squared: 0.8972

Multiple R-squared(proj model): 3.669e-05 Adjusted R-squared: -0.06371

F-statistic(full model):146.6 on 284 and 4455 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.1635 on 1 and 4455 DF, p-value: 0.686

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