> print(subsectoresList[i])

[1] Fabricacion de insumos textiles y acabado de textiles

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

> print(datosTotales6)

[1] 8036

> print(datosProduccion6)

[1] 5734

> summary(regA1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-338.23 -14.42 1.14 12.74 706.55

Coefficients:

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

ejecuciones\_6Meses -0.30845 0.05007 -6.161 7.6e-10 \*\*\*

---

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

Residual standard error: 53.68 on 7718 degrees of freedom

Multiple R-squared(full model): 0.9888 Adjusted R-squared: 0.9884

Multiple R-squared(proj model): 0.004894 Adjusted R-squared: -0.03598

F-statistic(full model): 2159 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 37.96 on 1 and 7718 DF, p-value: 7.595e-10

\*\*\* 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

-324.54 -12.52 0.94 10.85 648.75

Coefficients:

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

ejecuciones\_6Meses -0.27819 0.04514 -6.162 7.53e-10 \*\*\*

---

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

Residual standard error: 48.4 on 7718 degrees of freedom

Multiple R-squared(full model): 0.9897 Adjusted R-squared: 0.9892

Multiple R-squared(proj model): 0.004896 Adjusted R-squared: -0.03598

F-statistic(full model): 2332 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 37.97 on 1 and 7718 DF, p-value: 7.527e-10

\*\*\* 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

-68.243 -3.093 0.256 2.814 93.557

Coefficients:

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

ejecuciones\_6Meses -0.030264 0.009897 -3.058 0.00224 \*\*

---

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

Residual standard error: 10.61 on 7718 degrees of freedom

Multiple R-squared(full model): 0.9572 Adjusted R-squared: 0.9554

Multiple R-squared(proj model): 0.00121 Adjusted R-squared: -0.03981

F-statistic(full model):544.5 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 9.351 on 1 and 7718 DF, p-value: 0.002237

\*\*\* 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

-599.70 -3.91 0.09 3.50 243.31

Coefficients:

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

ejecuciones\_6Meses -0.06088 0.01637 -3.718 0.000202 \*\*\*

---

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

Residual standard error: 17.56 on 7718 degrees of freedom

Multiple R-squared(full model): 0.965 Adjusted R-squared: 0.9636

Multiple R-squared(proj model): 0.001788 Adjusted R-squared: -0.03921

F-statistic(full model):671.5 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 13.82 on 1 and 7718 DF, p-value: 0.0002023

\*\*\* 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

-575.32 -3.27 0.02 3.00 224.60

Coefficients:

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

ejecuciones\_6Meses -0.05600 0.01499 -3.737 0.000188 \*\*\*

---

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

Residual standard error: 16.07 on 7718 degrees of freedom

Multiple R-squared(full model): 0.9663 Adjusted R-squared: 0.9649

Multiple R-squared(proj model): 0.001806 Adjusted R-squared: -0.03919

F-statistic(full model):697.4 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 13.96 on 1 and 7718 DF, p-value: 0.0001878

\*\*\* 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

-32.924 -0.815 0.050 0.722 94.613

Coefficients:

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

ejecuciones\_6Meses -0.004878 0.002792 -1.747 0.0807 .

---

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

Residual standard error: 2.993 on 7718 degrees of freedom

Multiple R-squared(full model): 0.9133 Adjusted R-squared: 0.9098

Multiple R-squared(proj model): 0.0003953 Adjusted R-squared: -0.04066

F-statistic(full model):256.6 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 3.052 on 1 and 7718 DF, p-value: 0.08068

\*\*\* 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

-20954 -132 39 167 82744

Coefficients:

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

ejecuciones\_6Meses -3.152 1.818 -1.733 0.083 .

---

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

Residual standard error: 1949 on 7718 degrees of freedom

Multiple R-squared(full model): 0.8413 Adjusted R-squared: 0.8348

Multiple R-squared(proj model): 0.0003892 Adjusted R-squared: -0.04067

F-statistic(full model):129.1 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 3.005 on 1 and 7718 DF, p-value: 0.08305

\*\*\* 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

-11301 -85 21 87 34580

Coefficients:

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

ejecuciones\_6Meses -1.7879 0.7606 -2.351 0.0188 \*

---

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

Residual standard error: 815.4 on 7718 degrees of freedom

Multiple R-squared(full model): 0.912 Adjusted R-squared: 0.9084

Multiple R-squared(proj model): 0.0007155 Adjusted R-squared: -0.04033

F-statistic(full model):252.4 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 5.526 on 1 and 7718 DF, p-value: 0.01876

\*\*\* 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

-2075.5 -37.9 6.0 41.2 9093.8

Coefficients:

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

ejecuciones\_6Meses -0.5586 0.2540 -2.199 0.0279 \*

---

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

Residual standard error: 272.3 on 7718 degrees of freedom

Multiple R-squared(full model): 0.9201 Adjusted R-squared: 0.9168

Multiple R-squared(proj model): 0.0006264 Adjusted R-squared: -0.04042

F-statistic(full model):280.2 on 317 and 7718 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.838 on 1 and 7718 DF, p-value: 0.02787

\*\*\* 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

-223150 -427 234 723 485823

Coefficients:

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

ejecuciones\_6Meses 12.82 16.63 0.771 0.441

Residual standard error: 15020 on 5479 degrees of freedom

(2302 observations deleted due to missingness)

Multiple R-squared(full model): 0.7787 Adjusted R-squared: 0.7685

Multiple R-squared(proj model): 0.0001084 Adjusted R-squared: -0.04625

F-statistic(full model):75.92 on 254 and 5479 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5938 on 1 and 5479 DF, p-value: 0.441

\*\*\* 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

-205580 -1736 -77 1676 155066

Coefficients:

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

ejecuciones\_6Meses -4.767 9.630 -0.495 0.621

Residual standard error: 8695 on 5479 degrees of freedom

(2302 observations deleted due to missingness)

Multiple R-squared(full model): 0.9619 Adjusted R-squared: 0.9602

Multiple R-squared(proj model): 4.472e-05 Adjusted R-squared: -0.04631

F-statistic(full model): 545 on 254 and 5479 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.245 on 1 and 5479 DF, p-value: 0.6206

\*\*\* 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

-223182 -364 237 724 485907

Coefficients:

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

ejecuciones\_6Meses 12.70 16.62 0.764 0.445

Residual standard error: 15010 on 5479 degrees of freedom

(2302 observations deleted due to missingness)

Multiple R-squared(full model): 0.7788 Adjusted R-squared: 0.7686

Multiple R-squared(proj model): 0.0001065 Adjusted R-squared: -0.04625

F-statistic(full model):75.96 on 254 and 5479 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5838 on 1 and 5479 DF, p-value: 0.4449

\*\*\* 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

-184072 -1636 -95 1647 156822

Coefficients:

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

ejecuciones\_6Meses -4.264 9.149 -0.466 0.641

Residual standard error: 8261 on 5479 degrees of freedom

(2302 observations deleted due to missingness)

Multiple R-squared(full model): 0.9617 Adjusted R-squared: 0.9599

Multiple R-squared(proj model): 3.965e-05 Adjusted R-squared: -0.04632

F-statistic(full model):541.3 on 254 and 5479 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.2172 on 1 and 5479 DF, p-value: 0.6412

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

>

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

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

> print(datosTotales12)

[1] 7008

> print(datosProduccion12)

[1] 4996

> summary(regB1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-338.49 -13.01 2.10 10.24 647.97

Coefficients:

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

ejecuciones\_12Meses -0.1258 0.0334 -3.768 0.000166 \*\*\*

---

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

Residual standard error: 48.65 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9909 Adjusted R-squared: 0.9905

Multiple R-squared(proj model): 0.002116 Adjusted R-squared: -0.04439

F-statistic(full model): 2348 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 14.2 on 1 and 6695 DF, p-value: 0.0001661

\*\*\* 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

-330.72 -10.81 1.74 8.80 584.10

Coefficients:

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

ejecuciones\_12Meses -0.1130 0.0302 -3.743 0.000183 \*\*\*

---

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

Residual standard error: 44 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9916 Adjusted R-squared: 0.9912

Multiple R-squared(proj model): 0.002088 Adjusted R-squared: -0.04442

F-statistic(full model): 2523 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 14.01 on 1 and 6695 DF, p-value: 0.0001834

\*\*\* 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

-67.650 -2.958 0.449 2.395 93.238

Coefficients:

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

ejecuciones\_12Meses -0.012778 0.006875 -1.859 0.0631 .

---

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

Residual standard error: 10.02 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9622 Adjusted R-squared: 0.9605

Multiple R-squared(proj model): 0.0005157 Adjusted R-squared: -0.04606

F-statistic(full model):546.9 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 3.454 on 1 and 6695 DF, p-value: 0.06313

\*\*\* 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

-584.05 -3.61 -0.07 3.00 258.92

Coefficients:

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

ejecuciones\_12Meses -0.02552 0.01167 -2.187 0.0288 \*

---

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

Residual standard error: 17 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9668 Adjusted R-squared: 0.9653

Multiple R-squared(proj model): 0.0007141 Adjusted R-squared: -0.04585

F-statistic(full model):625.8 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.784 on 1 and 6695 DF, p-value: 0.02876

\*\*\* 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

-560.83 -2.98 -0.14 2.63 239.06

Coefficients:

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

ejecuciones\_12Meses -0.02386 0.01079 -2.212 0.027 \*

---

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

Residual standard error: 15.72 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9675 Adjusted R-squared: 0.9659

Multiple R-squared(proj model): 0.0007303 Adjusted R-squared: -0.04584

F-statistic(full model):637.9 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.893 on 1 and 6695 DF, p-value: 0.027

\*\*\* 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

-31.739 -0.815 0.048 0.615 23.839

Coefficients:

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

ejecuciones\_12Meses -0.001661 0.001628 -1.02 0.308

Residual standard error: 2.372 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9428 Adjusted R-squared: 0.9401

Multiple R-squared(proj model): 0.0001554 Adjusted R-squared: -0.04644

F-statistic(full model):353.6 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.041 on 1 and 6695 DF, p-value: 0.3077

\*\*\* 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

-21723 -124 48 167 81970

Coefficients:

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

ejecuciones\_12Meses -1.672 1.421 -1.176 0.239

Residual standard error: 2071 on 6695 degrees of freedom

Multiple R-squared(full model): 0.8308 Adjusted R-squared: 0.8229

Multiple R-squared(proj model): 0.0002067 Adjusted R-squared: -0.04639

F-statistic(full model):105.4 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.384 on 1 and 6695 DF, p-value: 0.2395

\*\*\* 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

-11691 -86 24 92 34187

Coefficients:

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

ejecuciones\_12Meses -0.7834 0.5868 -1.335 0.182

Residual standard error: 854.9 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9076 Adjusted R-squared: 0.9033

Multiple R-squared(proj model): 0.0002662 Adjusted R-squared: -0.04632

F-statistic(full model):210.8 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.783 on 1 and 6695 DF, p-value: 0.1819

\*\*\* 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

-2091.4 -39.4 10.2 40.6 9076.8

Coefficients:

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

ejecuciones\_12Meses -0.4161 0.1930 -2.156 0.0311 \*

---

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

Residual standard error: 281.2 on 6695 degrees of freedom

Multiple R-squared(full model): 0.9171 Adjusted R-squared: 0.9132

Multiple R-squared(proj model): 0.0006936 Adjusted R-squared: -0.04588

F-statistic(full model):237.2 on 312 and 6695 DF, p-value: < 2.2e-16

F-statistic(proj model): 4.647 on 1 and 6695 DF, p-value: 0.03114

\*\*\* 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

-223139 -592 357 795 485801

Coefficients:

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

ejecuciones\_12Meses 12.51 14.19 0.882 0.378

Residual standard error: 16090 on 4746 degrees of freedom

(2012 observations deleted due to missingness)

Multiple R-squared(full model): 0.7774 Adjusted R-squared: 0.7657

Multiple R-squared(proj model): 0.0001637 Adjusted R-squared: -0.05229

F-statistic(full model):66.56 on 249 and 4746 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.7771 on 1 and 4746 DF, p-value: 0.3781

\*\*\* 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

-205777 -1836 -57 1750 154670

Coefficients:

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

ejecuciones\_12Meses -7.252 7.927 -0.915 0.36

Residual standard error: 8989 on 4746 degrees of freedom

(2012 observations deleted due to missingness)

Multiple R-squared(full model): 0.9604 Adjusted R-squared: 0.9584

Multiple R-squared(proj model): 0.0001763 Adjusted R-squared: -0.05228

F-statistic(full model):462.7 on 249 and 4746 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.8371 on 1 and 4746 DF, p-value: 0.3603

\*\*\* 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

-223171 -537 329 793 485885

Coefficients:

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

ejecuciones\_12Meses 12.35 14.18 0.871 0.384

Residual standard error: 16080 on 4746 degrees of freedom

(2012 observations deleted due to missingness)

Multiple R-squared(full model): 0.7775 Adjusted R-squared: 0.7658

Multiple R-squared(proj model): 0.0001597 Adjusted R-squared: -0.0523

F-statistic(full model):66.59 on 249 and 4746 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.7581 on 1 and 4746 DF, p-value: 0.384

\*\*\* 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

-184199 -1708 -77 1687 156498

Coefficients:

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

ejecuciones\_12Meses -8.338 7.495 -1.112 0.266

Residual standard error: 8500 on 4746 degrees of freedom

(2012 observations deleted due to missingness)

Multiple R-squared(full model): 0.9605 Adjusted R-squared: 0.9584

Multiple R-squared(proj model): 0.0002607 Adjusted R-squared: -0.05219

F-statistic(full model): 463 on 249 and 4746 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.237 on 1 and 4746 DF, p-value: 0.266

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

>

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

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

> print(datosTotales24)

[1] 4689

> print(datosProduccion24)

[1] 3353

> summary(regC1)

Call:

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

Residuals:

Min 1Q Median 3Q Max

-466.88 -5.93 0.25 4.65 683.74

Coefficients:

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

ejecuciones\_24Meses -0.03251 0.02720 -1.195 0.232

Residual standard error: 34.76 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9953 Adjusted R-squared: 0.995

Multiple R-squared(proj model): 0.0003239 Adjusted R-squared: -0.06318

F-statistic(full model): 3349 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.428 on 1 and 4408 DF, p-value: 0.2321

\*\*\* 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

-457.62 -4.98 -0.06 4.29 620.84

Coefficients:

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

ejecuciones\_24Meses -0.04092 0.02494 -1.641 0.101

Residual standard error: 31.87 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9955 Adjusted R-squared: 0.9953

Multiple R-squared(proj model): 0.0006104 Adjusted R-squared: -0.06287

F-statistic(full model): 3518 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 2.692 on 1 and 4408 DF, p-value: 0.1009

\*\*\* 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

-65.958 -1.460 0.153 1.136 92.676

Coefficients:

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

ejecuciones\_24Meses 0.008413 0.006275 1.341 0.18

Residual standard error: 8.018 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9747 Adjusted R-squared: 0.9731

Multiple R-squared(proj model): 0.0004076 Adjusted R-squared: -0.06309

F-statistic(full model):606.2 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 1.797 on 1 and 4408 DF, p-value: 0.1801

\*\*\* 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

-548.70 -2.45 -0.29 2.25 251.28

Coefficients:

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

ejecuciones\_24Meses -0.01043 0.01267 -0.823 0.411

Residual standard error: 16.19 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9692 Adjusted R-squared: 0.9673

Multiple R-squared(proj model): 0.0001536 Adjusted R-squared: -0.06336

F-statistic(full model):495.9 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.6774 on 1 and 4408 DF, p-value: 0.4105

\*\*\* 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

-529.55 -2.13 -0.32 1.94 239.48

Coefficients:

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

ejecuciones\_24Meses -0.01184 0.01193 -0.993 0.321

Residual standard error: 15.24 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9689 Adjusted R-squared: 0.967

Multiple R-squared(proj model): 0.0002237 Adjusted R-squared: -0.06328

F-statistic(full model):490.9 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.9862 on 1 and 4408 DF, p-value: 0.3207

\*\*\* 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

-27.6208 -0.4751 -0.0368 0.4481 14.6817

Coefficients:

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

ejecuciones\_24Meses 0.001415 0.001507 0.939 0.348

Residual standard error: 1.925 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9594 Adjusted R-squared: 0.9568

Multiple R-squared(proj model): 0.0001999 Adjusted R-squared: -0.06331

F-statistic(full model):372.1 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.8811 on 1 and 4408 DF, p-value: 0.3479

\*\*\* 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

-21759 -86 75 166 81928

Coefficients:

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

ejecuciones\_24Meses -0.1946 1.7902 -0.109 0.913

Residual standard error: 2288 on 4408 degrees of freedom

Multiple R-squared(full model): 0.8078 Adjusted R-squared: 0.7956

Multiple R-squared(proj model): 2.682e-06 Adjusted R-squared: -0.06352

F-statistic(full model):66.15 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01182 on 1 and 4408 DF, p-value: 0.9134

\*\*\* 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

-11826 -76 32 94 34049

Coefficients:

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

ejecuciones\_24Meses -0.09402 0.75202 -0.125 0.901

Residual standard error: 960.9 on 4408 degrees of freedom

Multiple R-squared(full model): 0.8908 Adjusted R-squared: 0.8839

Multiple R-squared(proj model): 3.546e-06 Adjusted R-squared: -0.06352

F-statistic(full model):128.5 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.01563 on 1 and 4408 DF, p-value: 0.9005

\*\*\* 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

-1867.6 -28.0 14.2 32.7 9302.5

Coefficients:

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

ejecuciones\_24Meses 0.0484 0.2276 0.213 0.832

Residual standard error: 290.9 on 4408 degrees of freedom

Multiple R-squared(full model): 0.9136 Adjusted R-squared: 0.9081

Multiple R-squared(proj model): 1.026e-05 Adjusted R-squared: -0.06351

F-statistic(full model):166.5 on 280 and 4408 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.04521 on 1 and 4408 DF, p-value: 0.8316

\*\*\* 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

-163322 -437 232 613 521393

Coefficients:

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

ejecuciones\_24Meses 11.89 15.75 0.755 0.45

Residual standard error: 13160 on 3132 degrees of freedom

(1336 observations deleted due to missingness)

Multiple R-squared(full model): 0.8073 Adjusted R-squared: 0.7938

Multiple R-squared(proj model): 0.0001821 Adjusted R-squared: -0.07005

F-statistic(full model):59.64 on 220 and 3132 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5703 on 1 and 3132 DF, p-value: 0.4502

\*\*\* 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

-180499 -1792 -97 1764 144902

Coefficients:

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

ejecuciones\_24Meses -8.83 10.35 -0.853 0.394

Residual standard error: 8650 on 3132 degrees of freedom

(1336 observations deleted due to missingness)

Multiple R-squared(full model): 0.9664 Adjusted R-squared: 0.964

Multiple R-squared(proj model): 0.0002322 Adjusted R-squared: -0.06999

F-statistic(full model):408.9 on 220 and 3132 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.7274 on 1 and 3132 DF, p-value: 0.3938

\*\*\* 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

-163342 -446 228 610 521450

Coefficients:

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

ejecuciones\_24Meses 12.17 15.75 0.773 0.44

Residual standard error: 13160 on 3132 degrees of freedom

(1336 observations deleted due to missingness)

Multiple R-squared(full model): 0.8073 Adjusted R-squared: 0.7938

Multiple R-squared(proj model): 0.0001907 Adjusted R-squared: -0.07004

F-statistic(full model):59.65 on 220 and 3132 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.5972 on 1 and 3132 DF, p-value: 0.4397

\*\*\* 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

-198501 -1753 -109 1753 134632

Coefficients:

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

ejecuciones\_24Meses -9.481 9.764 -0.971 0.332

Residual standard error: 8158 on 3132 degrees of freedom

(1336 observations deleted due to missingness)

Multiple R-squared(full model): 0.9679 Adjusted R-squared: 0.9657

Multiple R-squared(proj model): 0.0003009 Adjusted R-squared: -0.06992

F-statistic(full model):429.8 on 220 and 3132 DF, p-value: < 2.2e-16

F-statistic(proj model): 0.9428 on 1 and 3132 DF, p-value: 0.3316

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