

# Dataset creation

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Call: lm(formula = Turnout ~ Unempl\_rate\_less25 + GrowthGDPAnnual + PctUniversityGraduates + Region, data = Spain\_data)

Residuals: Min 1Q Median 3Q Max -0.070692 -0.010230 0.000176 0.008591 0.059046

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

(Intercept) 0.7703819 0.0246380 31.268 < 2e-16 **Unempl\_rate\_less25 -0.0009227 0.0003736 -2.469 0.016729**

**GrowthGDPAnnual 0.2132866 0.1199867 1.778 0.081103 .**

**PctUniversityGraduates -0.0435637 0.1395597 -0.312 0.756128**

**RegionAragon 0.0171901 0.0213014 0.807 0.423211**

**RegionAsturias -0.0205974 0.0146295 -1.408 0.164883**

**RegionBalears -0.0709457 0.0178604 -3.972 0.000212** *RegionCanarias -0.0653979 0.0193585 -3.378 0.001360* *RegionCantabria 0.0312349 0.0196058 1.593 0.116965*

**RegionCastilla\_La\_Mancha 0.0515145 0.0145862 3.532 0.000854** *RegionCastilla\_y\_Leon 0.0363465 0.0192470 1.888 0.064346 .*

*RegionCatalunya -0.0244311 0.0147298 -1.659 0.102991*

*RegionCeuta -0.1093825 0.0241047 -4.538 3.21e-05* **RegionComunitat\_Valenciana 0.0478025 0.0243565 1.963 0.054851 .**

**RegionExtremadura 0.0378377 0.0152694 2.478 0.016370**

**RegionGalicia -0.0201558 0.0146555 -1.375 0.174717**

**RegionLa\_Rioja 0.0411566 0.0147079 2.798 0.007108** *RegionMadrid 0.0466012 0.0206658 2.255 0.028211 \**

*RegionMelilla -0.1482854 0.0146866 -10.097 4.86e-14 \*\** *RegionMurcia 0.0406300 0.0307954 1.319 0.192618*

*RegionNavarra -0.0026160 0.0219076 -0.119 0.905393*

*RegionPais\_Vasco -0.0376127 0.0152838 -2.461 0.017084*

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

Residual standard error: 0.02054 on 54 degrees of freedom Multiple R-squared: 0.929, Adjusted R-squared: 0.9014 F-statistic: 33.65 on 21 and 54 DF, p-value: < 2.2e-16

Call: lm(formula = Turnout ~ Unempl\_rate\_less25 + GrowthGDPAnnual + PctUniversityGraduates + language + Region, data = Spain\_data)

Residuals: Min 1Q Median 3Q Max -0.070692 -0.010230 0.000176 0.008591 0.059046

Coefficients: (1 not defined because of singularities) Estimate Std. Error t value Pr(>|t|)

(Intercept) 0.7703819 0.0246380 31.268 < 2e-16 **Unempl\_rate\_less25 -0.0009227 0.0003736 -2.469 0.016729**

**GrowthGDPAnnual 0.2132866 0.1199867 1.778 0.081103 .**

**PctUniversityGraduates -0.0435637 0.1395597 -0.312 0.756128**

**language -0.0376127 0.0152838 -2.461 0.017084 \***

**RegionAragon 0.0171901 0.0213014 0.807 0.423211**

**RegionAsturias -0.0205974 0.0146295 -1.408 0.164883**

**RegionBalears -0.0709457 0.0178604 -3.972 0.000212** *RegionCanarias -0.0653979 0.0193585 -3.378 0.001360* *RegionCantabria 0.0312349 0.0196058 1.593 0.116965*

**RegionCastilla\_La\_Mancha 0.0515145 0.0145862 3.532 0.000854** *RegionCastilla\_y\_Leon 0.0363465 0.0192470 1.888 0.064346 .*

*RegionCatalunya 0.0131816 0.0155195 0.849 0.399432*

*RegionCeuta -0.1093825 0.0241047 -4.538 3.21e-05* **RegionComunitat\_Valenciana 0.0854152**

**0.0212084 4.027 0.000178** RegionExtremadura 0.0378377 0.0152694 2.478 0.016370 \*  
 RegionGalicia 0.0174569 0.0151022 1.156 0.252804  
 RegionLa\_Rioja 0.0411566 0.0147079 2.798 0.007108 \*\* RegionMadrid 0.0466012 0.0206658 2.255 0.028211 \*  
 RegionMelilla -0.1482854 0.0146866 -10.097 4.86e-14 \*\*\* RegionMurcia 0.0406300 0.0307954 1.319 0.192618  
 RegionNavarra -0.0026160 0.0219076 -0.119 0.905393  
 RegionPais\_Vasco NA NA NA NA  
 — Signif. codes: 0 ‘’ **0.001** ’’ 0.01 ’’ 0.05 ‘:’ 0.1 ‘’ 1  
 Residual standard error: 0.02054 on 54 degrees of freedom Multiple R-squared: 0.929, Adjusted R-squared:  
 0.9014 F-statistic: 33.65 on 21 and 54 DF, p-value: < 2.2e-16  
 cor(Spain\_dataPctUniversityGraduates, Spain\_dataUnempl\_rate\_less25)