MATERIAL COMPLEMENTAR Data Science e Analytics 24/09/2024

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PRINTS FEITOS DURANTE A AULA DE 24/09/2024:

 $desempenho_{ij} = 7,12+1,89$, $horas_{ij} + v_{0j} + v_{1j}$, $horas_{ij} + \varepsilon_{ij}$

ESTIMAÇÃO DO MODELO FINAL COM INTERCEPTOS E INCLINAÇÕES ALEATÓRIOS HLM2

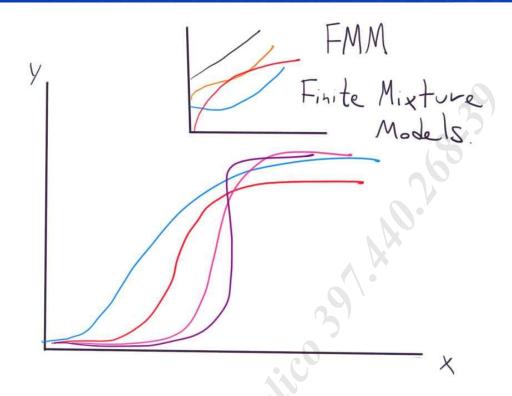
Var(U) horas Var 0.305 0.059

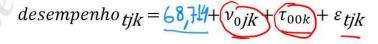
 $desempenho_{ij} = -0.85 + 0.713 horas_{ij} + 1.585 texp_j + 0.1232 texp_j horas_{ij} + v_{0j} + v_{1j} horas_{ij} + \varepsilon_{ij}$

fitted values (V) - fitted completo



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$$desempenho_{tjk} = 57,856+4,337.mes_{jk} + \\ v_{0jk} + v_{1jk} mes_{jk} + \tau_{00k} + \tau_{10k}.mes_{jk} + \varepsilon_{tjk}$$

```
Estimate 2.5_ci 97.5_ci
                                                SE
                                                          DF T-stat P-val Sig
                  40.032 32.454 47.611 3.867 14.186 10.353 0.000
5.168 4.692 5.643 0.243 16.498 21.294 0.000
Ser (Intercept)
Sie mes
                                                                              ***
                    14.702 11.183
                                      18.221 1.796 606.756 8.188 0.000 ***
Some ativ_sim
                    1.179 0.501
-0.652 -1.014
-0.057 -0.098
                                                                               **
                                      1.857 0.346 13.125
                                                              3.407 0.005
Soultexp
Sio mes:ativ_sim
                                      -0.290 0.185 514.047 -3.529 0.000 ***
Mes:texp
                                      -0.015 0.021 13.704 -2.698 0.018
```

fitted fixed

 $desempenho_{tjk} = \frac{1003 + 516 \cdot mes_{jk} + 170 \cdot ativ_{jk} + 17 \cdot texp_k + 200 \cdot ativ_{jk} \cdot mes_{jk} + 170 \cdot ativ_{jk} + 170 \cdot ativ_{jk} + 170 \cdot ativ_{jk} \cdot mes_{jk} + 170 \cdot ativ_{jk} \cdot$

