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# CULTURE & ATTRITION

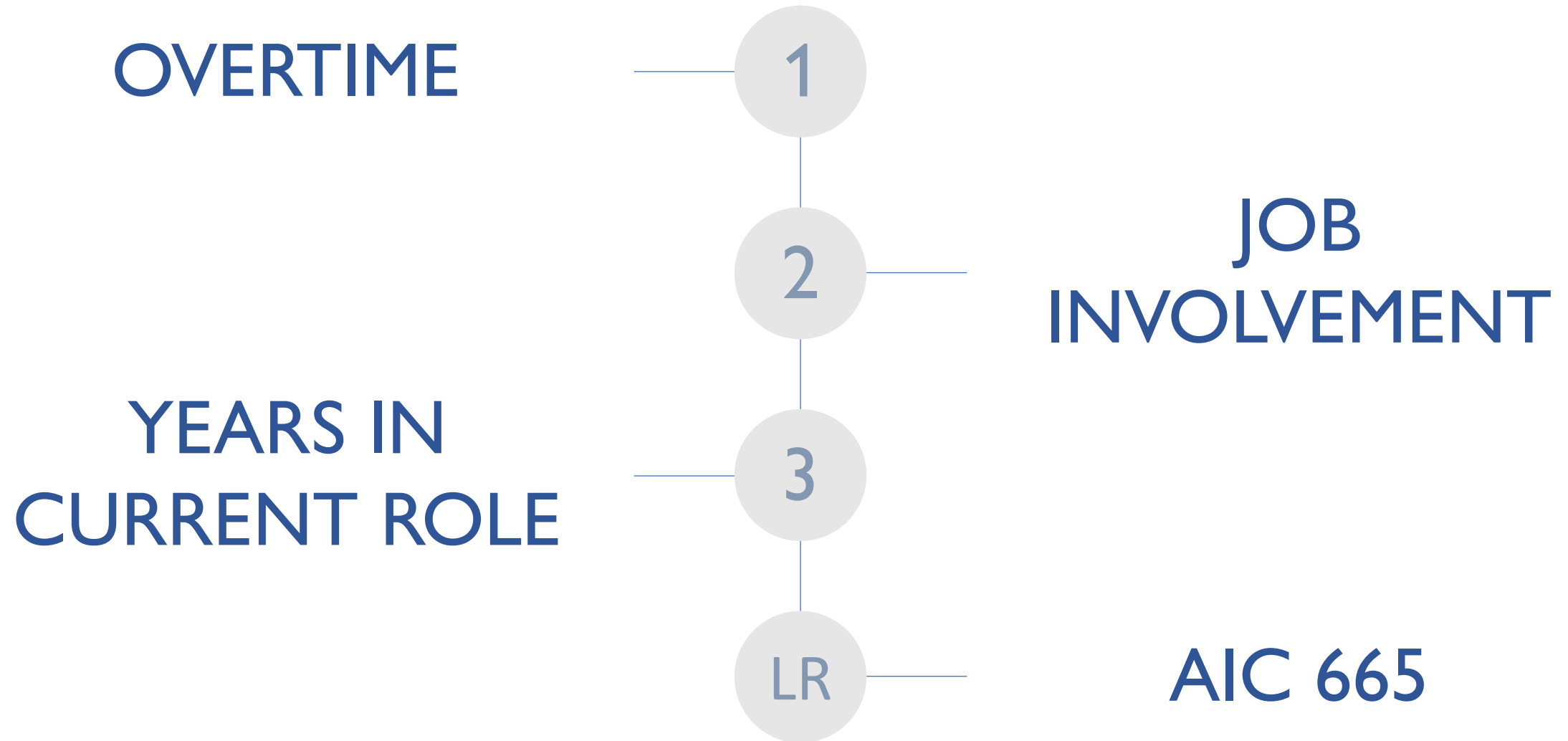


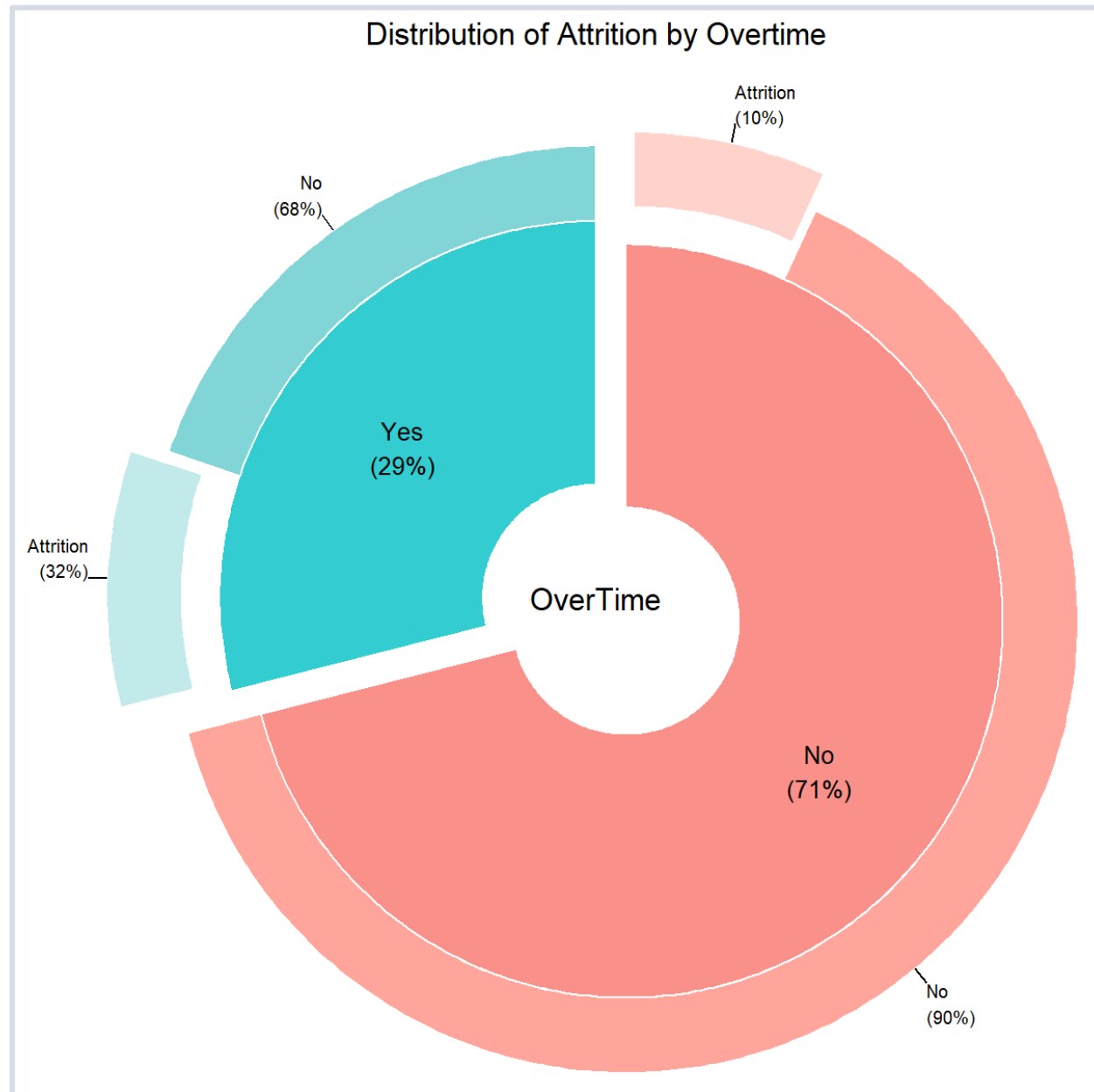
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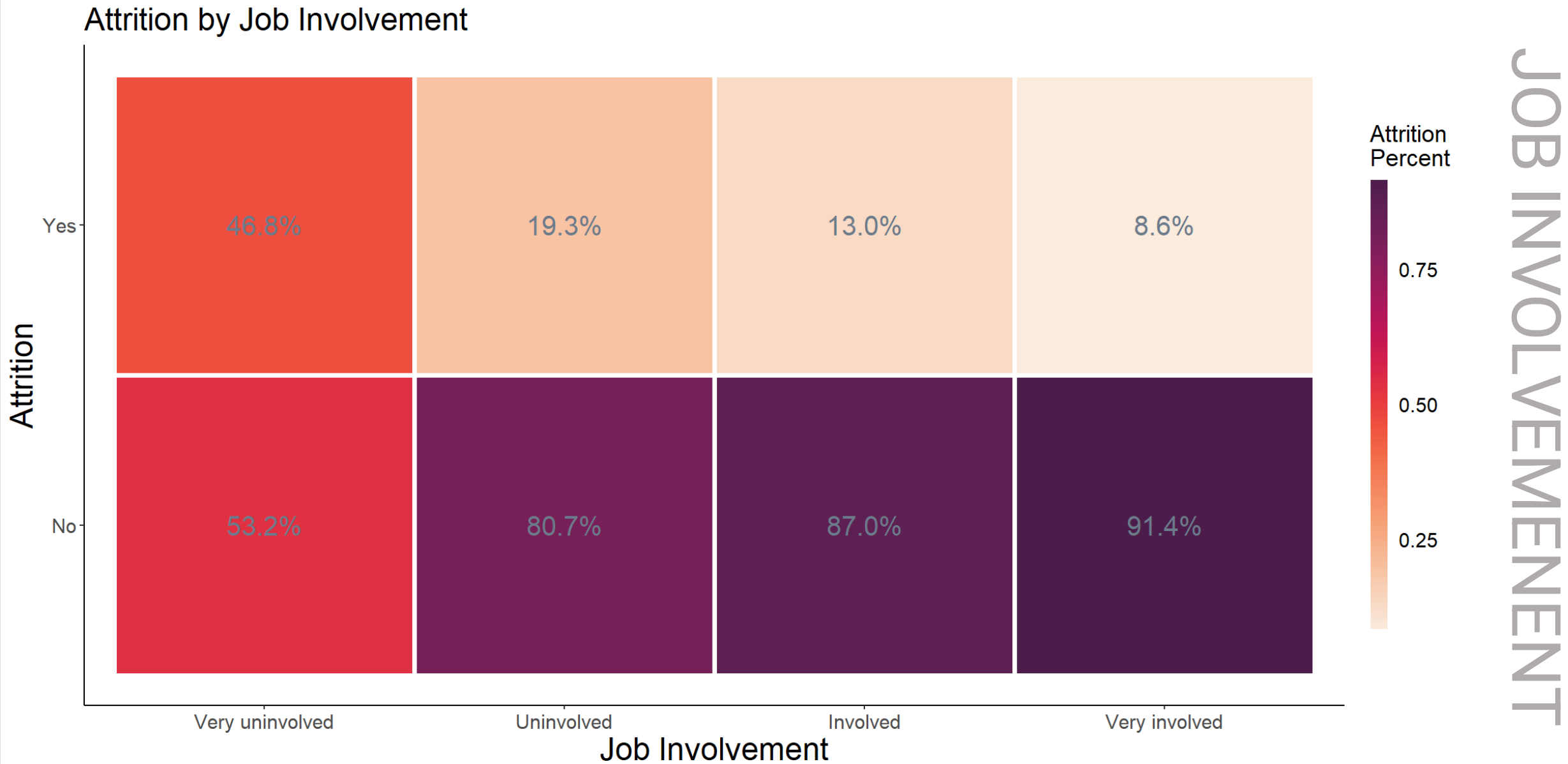
*You take away our top 20  
employees and we [Microsoft]  
become a mediocre company.*

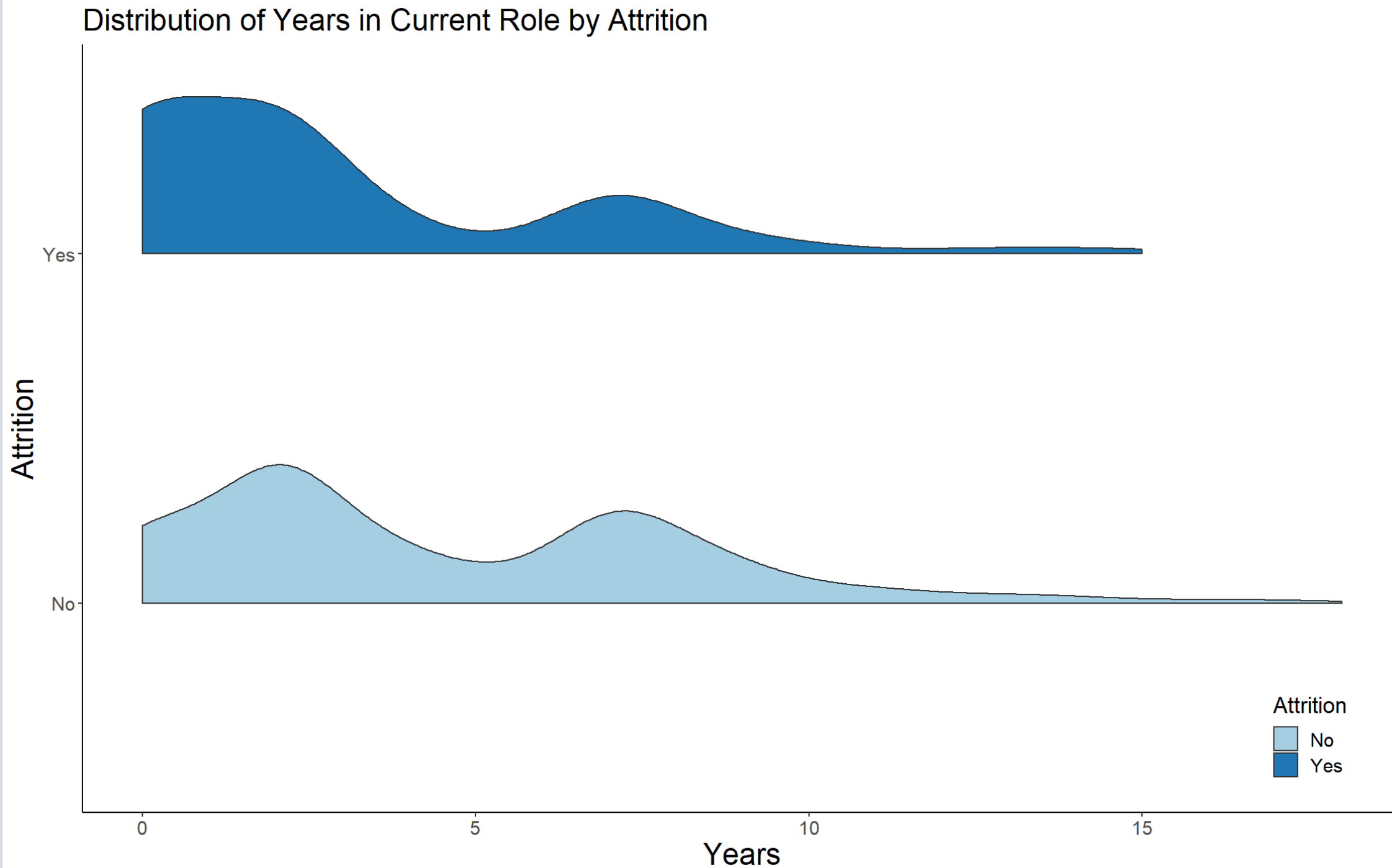
- Bill Gates

# *Top Work Culture Contributors of Attrition*









# Job Role by Monthly Income

Ordered by Decreasing Attrition Rate

Job Role

Sales Representative

Human Resources

Laboratory Technician

Research Scientist

Sales Executive

Healthcare Representative

Manager

Manufacturing Director

Research Director

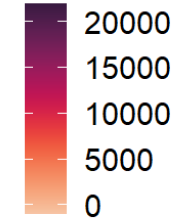
45%  
attrition  
17% very  
unsatisfied

22%  
attrition  
19% very  
unsatisfied

2.3%  
attrition  
14% very  
unsatisfied

2%  
attrition  
26% very  
unsatisfied

Monthly Income



0

5000

10000

15000

20000

Monthly Income

JOB ROLE



# NAÏVE BAYES

## FULL

	REFERENCE	
PREDICTION	NO	YES
NO	663	54
YES	67	86

86% *ACCURACY*  
0.04 *P-VALUE*  
61% *SENSITIVITY*  
91% *SPECIFICITY*

## TEST

	REFERENCE	
PREDICTION	NO	YES
NO	169	15
YES	12	22

88% *ACCURACY*  
0.04 *P-VALUE*  
60% *SENSITIVITY*  
93% *SPECIFICITY*

# LINEAR REGRESSION

1

Total Working Years

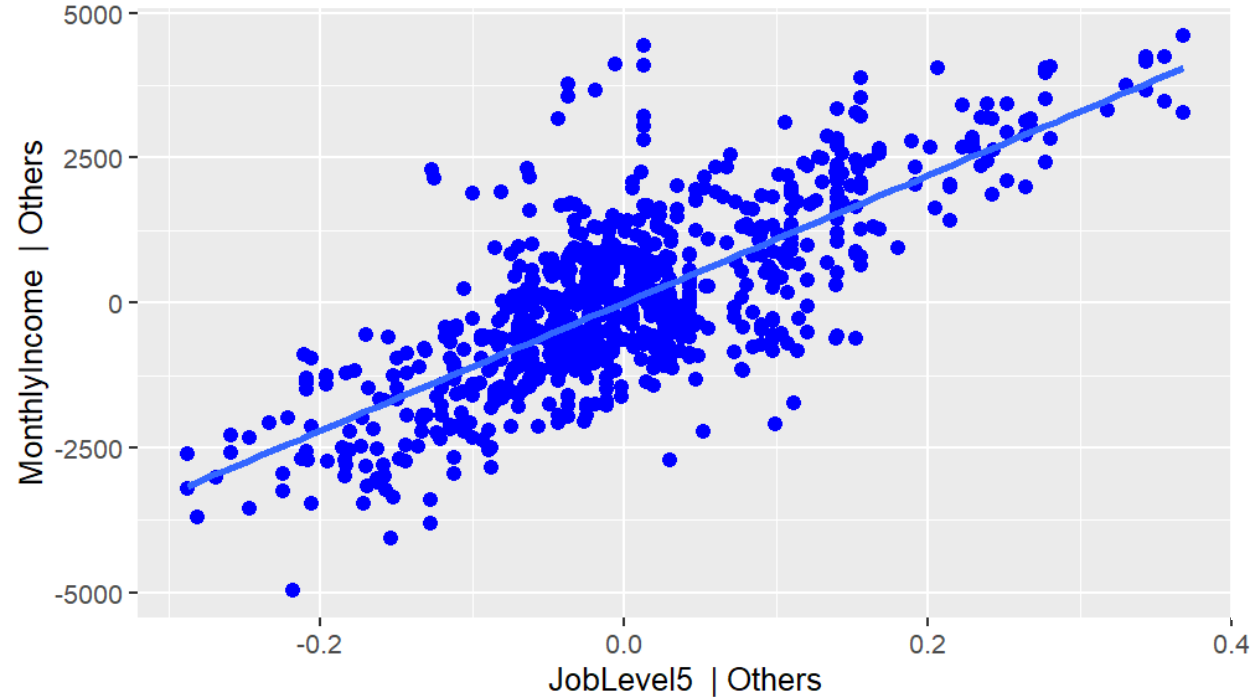
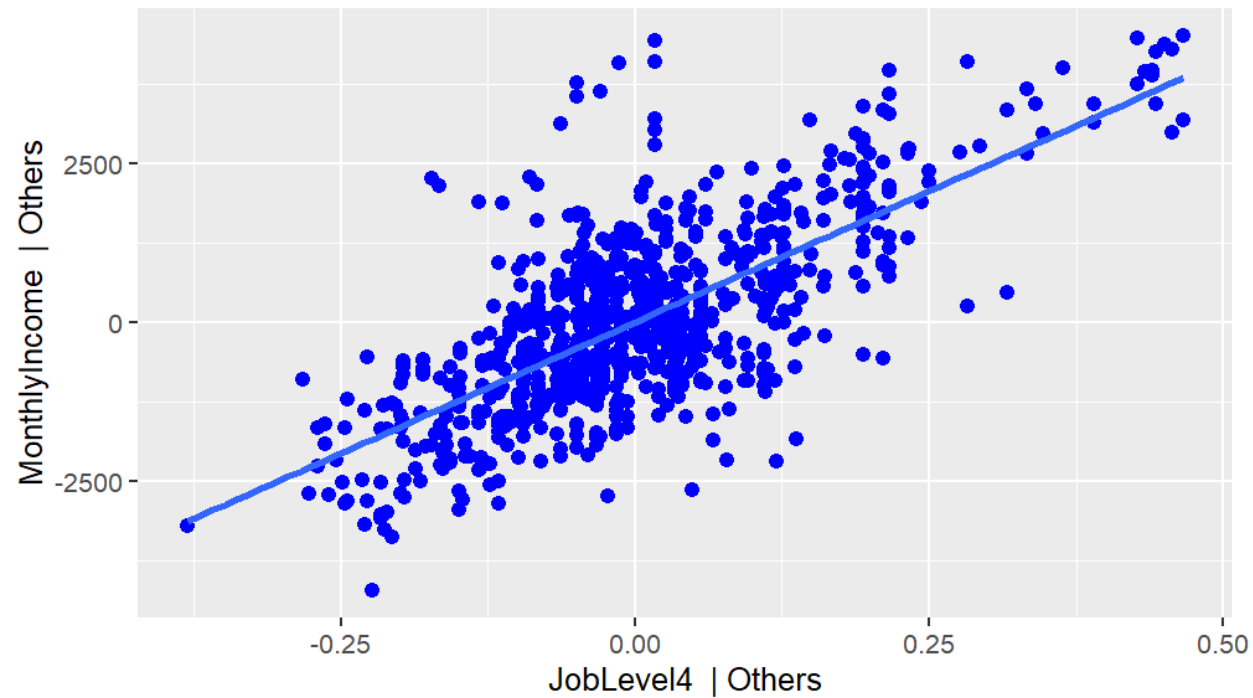
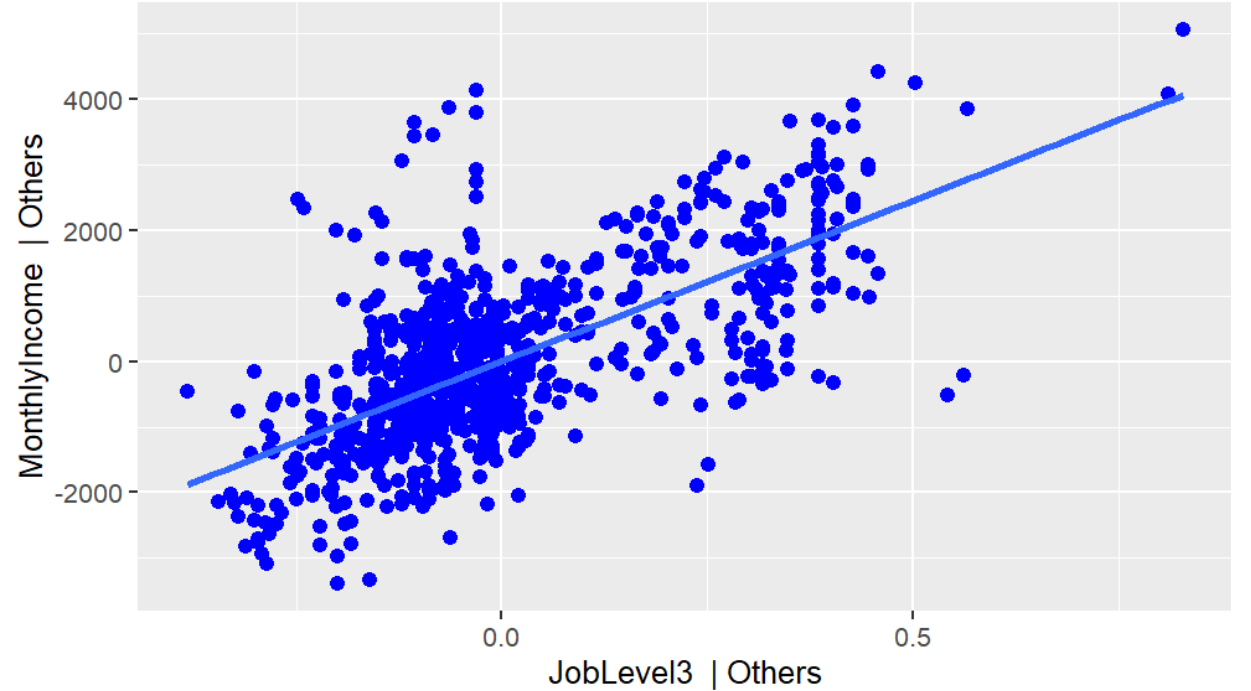
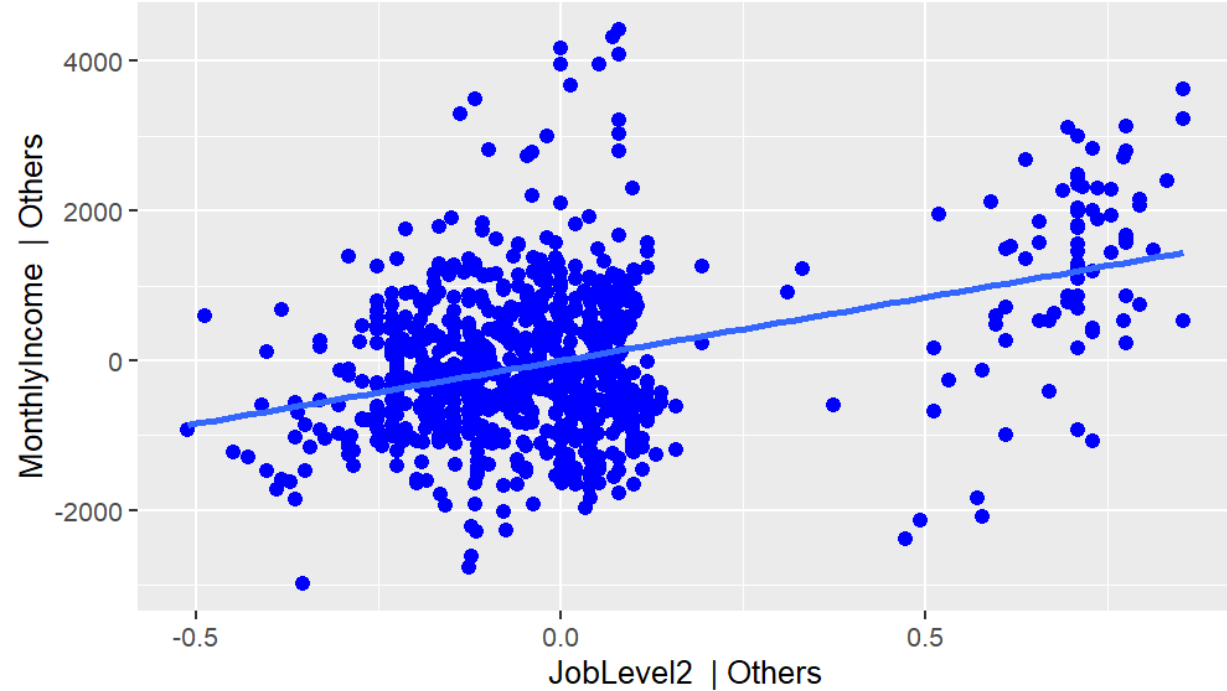
2

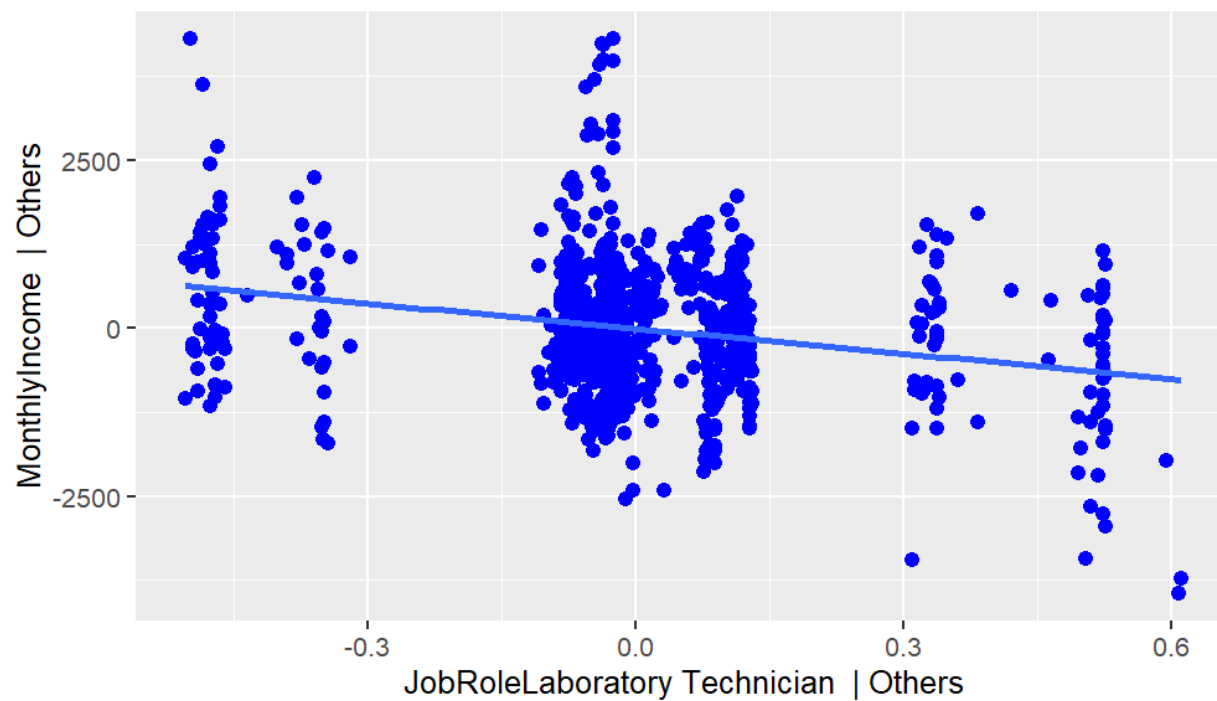
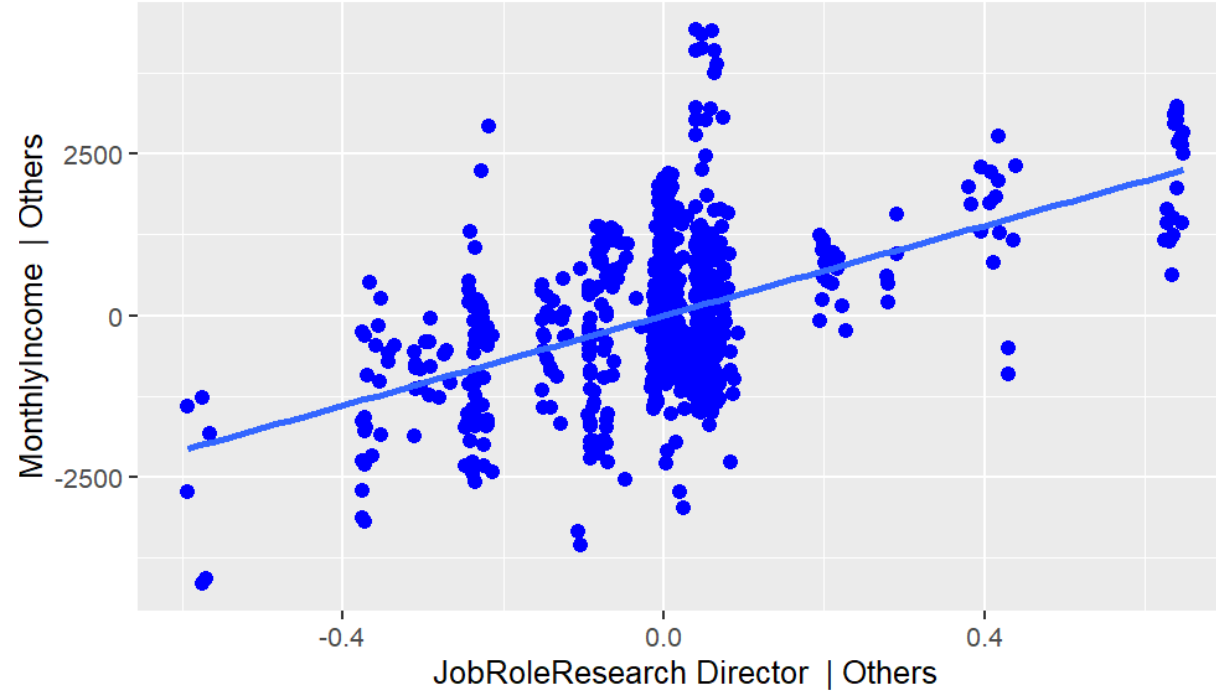
Job Level (5)

3

Job Role (9)







# CULTURE & ATTRITION



# *Questions?*



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