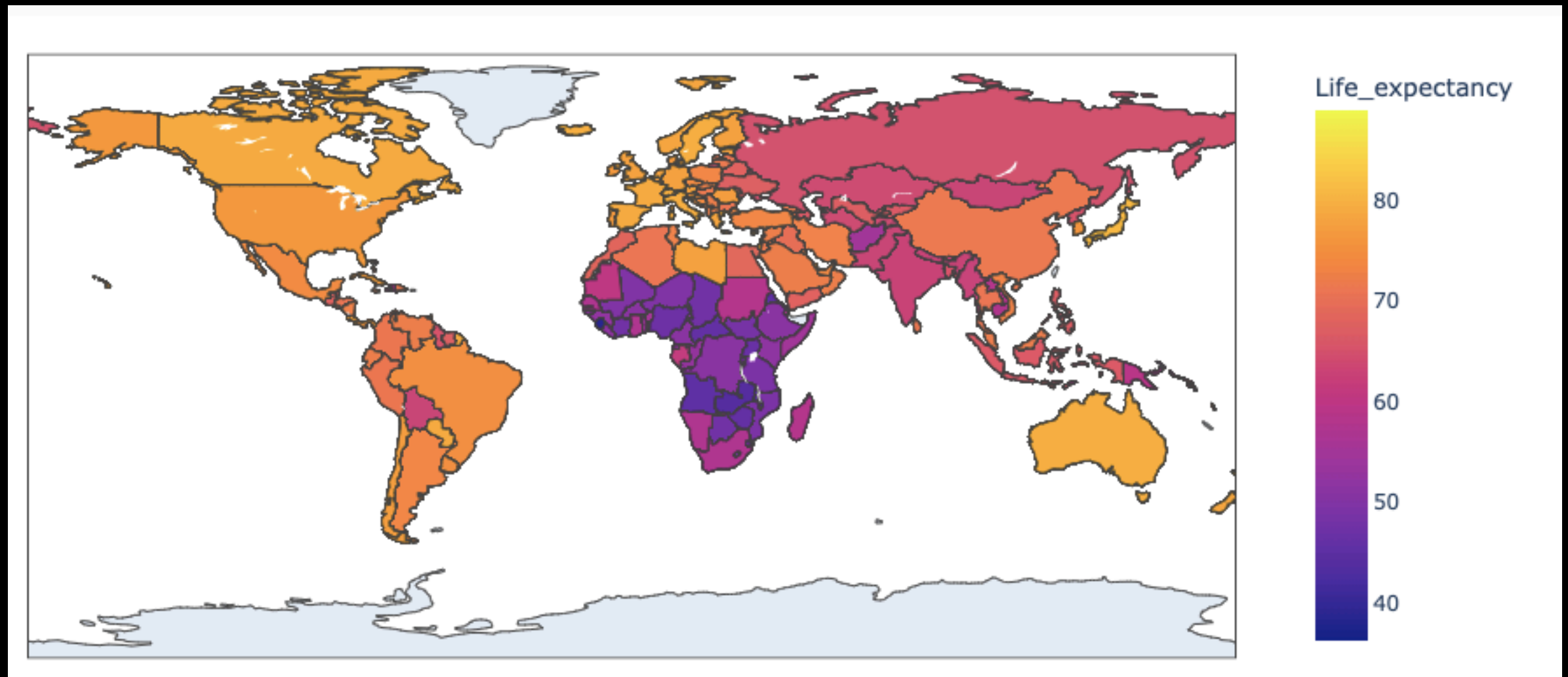


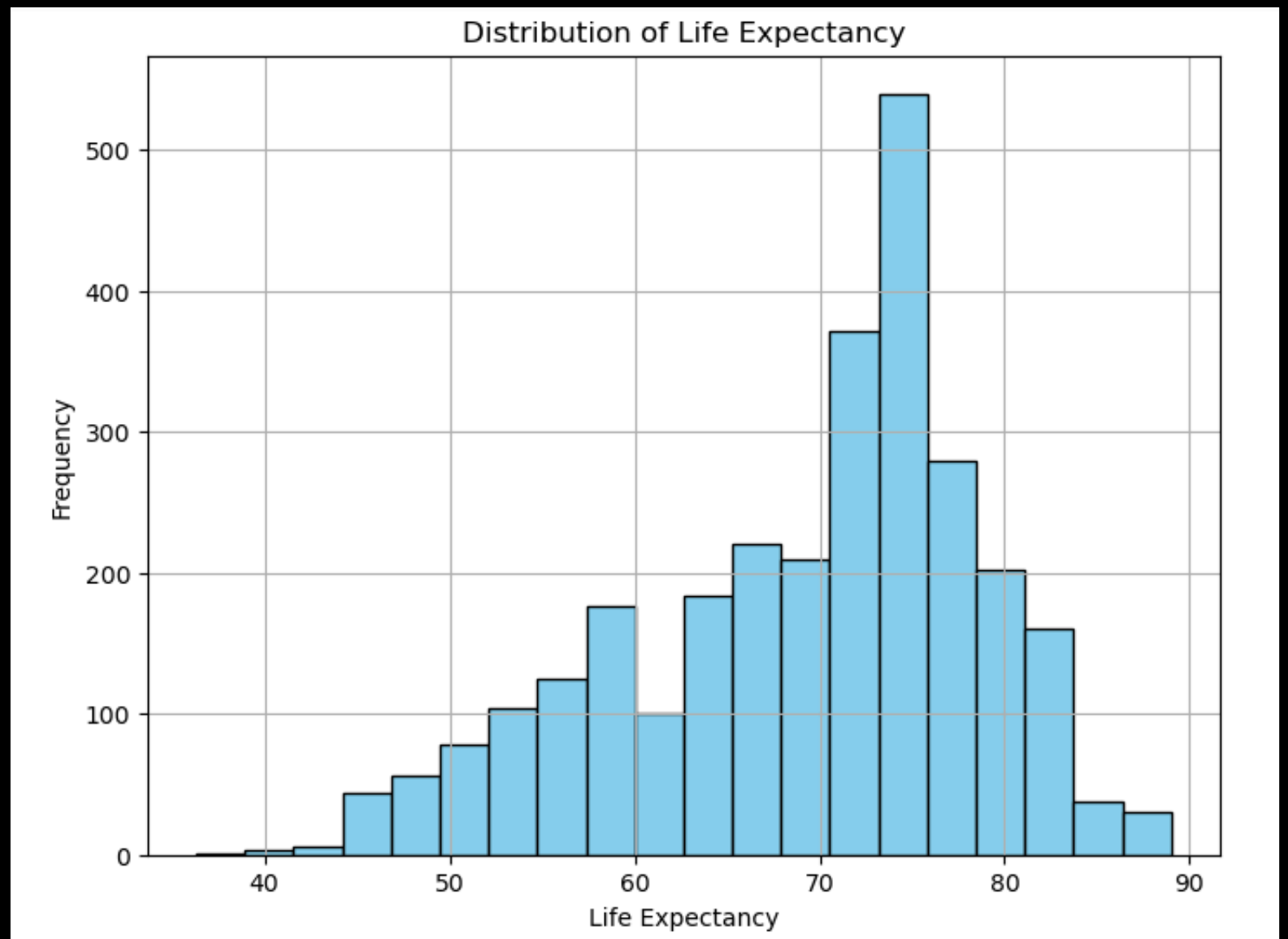
Improving Life Expectancy  
Jessica Guzzo  
Student  
Email: [jGuzzo522@gmail.com](mailto:jGuzzo522@gmail.com)

# GOAL: INCREASE LIFE EXPECTANCY WORLDWIDE



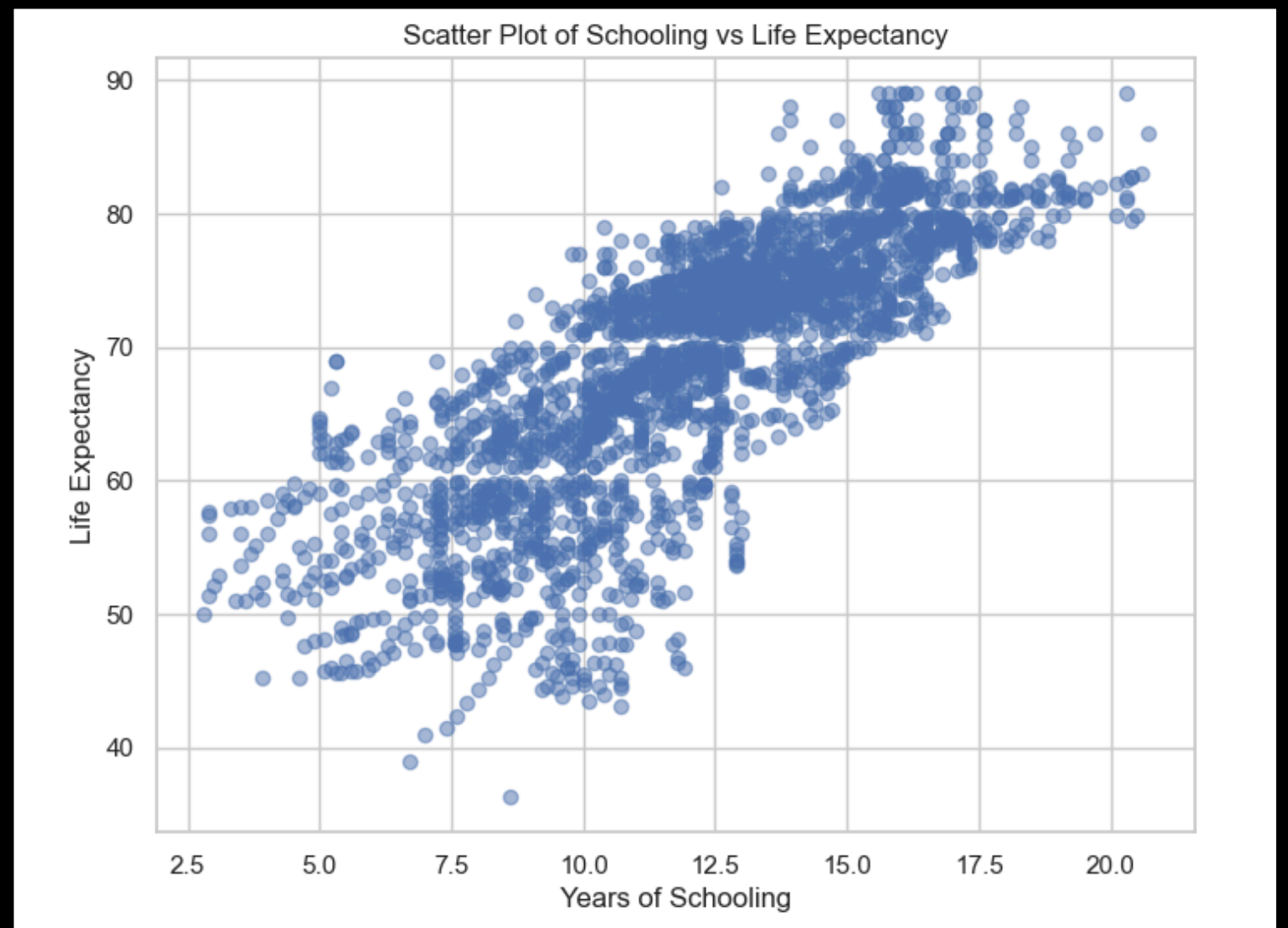
# EXPLORING DATA

- 69 years avg
- Highest Japan
- Lowest Sierra Leone



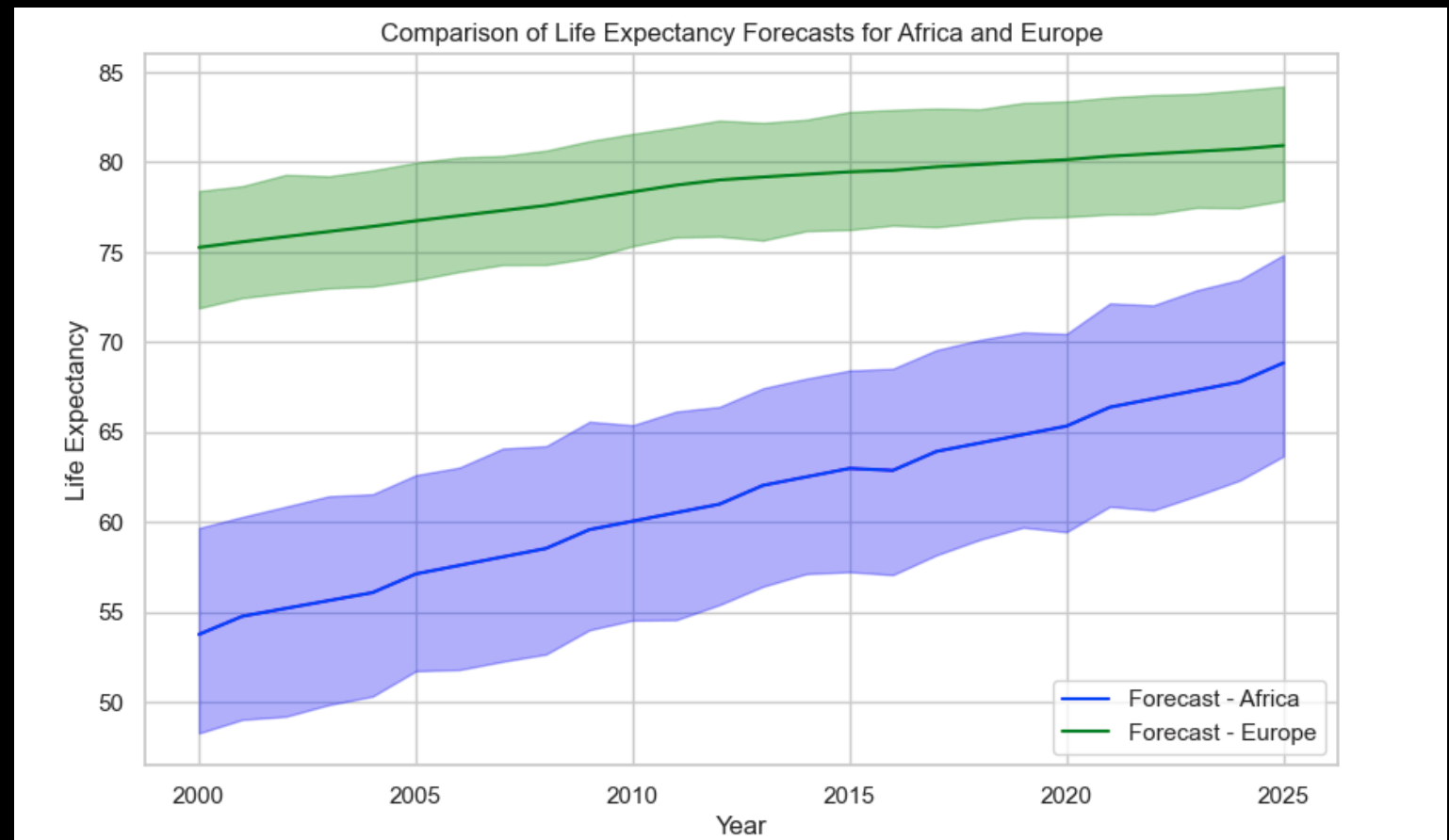
# MULTIPLE LINEAR REGRESSION MODELING

- R-Squared 0.970
- Schooling
- Total Expenditure
- Under Five Deaths



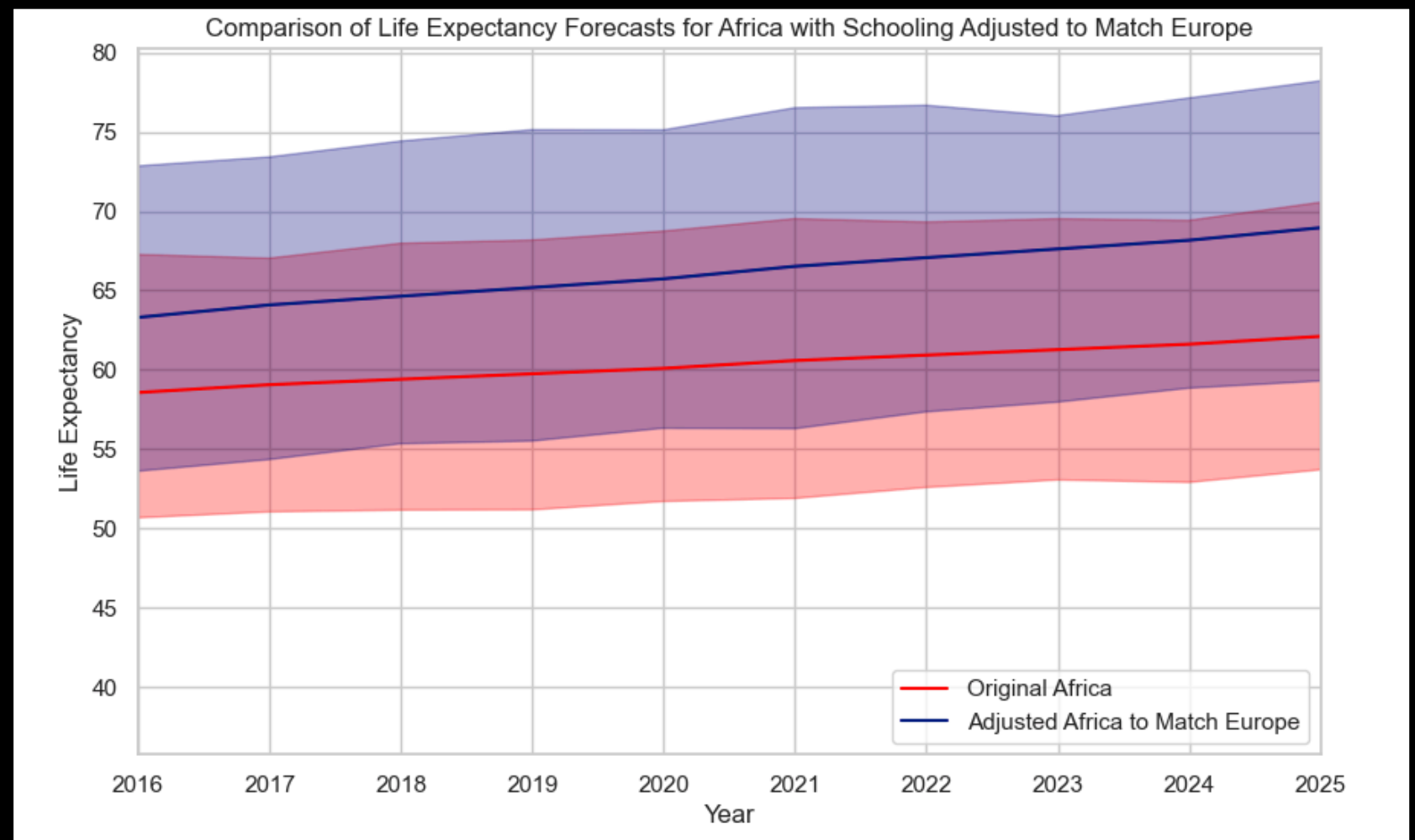
# TIME SERIES AFRICA VS EUROPE

- Europe remains higher
- Africa increasing faster rate



# TIME SERIES MODEL AFRICA SCHOOLING

- African Schooling adjusted to Europe
- Unadjusted schooling 50's
- Adjusted schooling 60's
- 6 year increase



# LIMITATIONS AND NEXT STEPS

- More years and countries
- Covid, AIDS
- Wars
- Gender differences

# RECOMMENDATIONS

- Increase School Years
- Increase Total Expenditure
- Focus on developing countries
- Reduce Under Five Deaths



# THANKYOU!



## Any questions?

By Jessica Guzzo

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Student

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