Psychosocial Impacts among Type 2 Diabetes Patients during the COVID-19 Pandemic

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Introduction

- Universiti Malaya is a public research institute, and the oldest university in Malaysia
- Many different areas of research are conducted at UM including public health through the Faculty of Medicine

Objective and Work Profile

- The professor I worked with is an endocrinologist with an interest in diabetes
- Used Excel and IBM SPSS for data analysis
- Identified the potential psychological impacts in people with T2D, and mobilize approaches to provide continuous psychosocial support
- Learn about community health

Continuing Work

- Further tests needed to be confident in the results
- Comprehensive reports to be compiled in the near future
- Submit results and methodology to journal as a deliverable paper
- Continue with larger scale data? Or other psychosocial dimensions?

Testing normality in duration of diabetes mellitus

Testing correlation in Age vs. BMI

Reflection

Despite the fact that my internship was online, I learned a lot about the scientific research process, from coming up with a topic to handling large datasets. I had worked with some statistical software before, but got much more proficient with SPSS and Excel just through experience, as well as deciding which quantitative methods to use in different scenarios. It was interesting also to look at the demographics and see patterns emerge, and overall I had a great experience.

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