**Background**

Melica is a Biostatistician I in the Center for Biostatistics at The Ohio State Wexner Medical Center. She joined the Ohio State November 2022. During this time, Melica has collaborated as a statistician on various projects within the School of Health and Rehabilitation Sciences, Nationwide Children's Hospital and the Division of Gastroenterology, Hepatology, and Nutrition. From her collaborations at Ohio State, Melica has experience in cleaning and analyzing data from administrative billing databases such as IBM MarketScan and SEER-Medicare.

**Education**

Master of Science: Biostatistics, The Ohio State University | May 2022

Bachelor of Science: Applied Mathematics and Chemistry, Lipscomb University | May 2020

Research Interests

* Regression modeling (linear, longitudinal, logistic, Cox)
* Large population databases
* Clinical trial designs