**Background**

Mahmoud has been a biostatistician in the Center for Biostatistics at The Ohio State Wexner Medical Center for over 10 years. He is a principal biostatistician with more than 90 publications through collaborations a wide range of investigators from the Department of Thoracic Surgery, The Department of Anesthesiology, The Division of General and Gastrointestinal Surgery, The Biostatistics Resource at Nationwide Children’s Hospital (BRANCH), The Comprehensive Transplant Center, The College of Pharmacy, The College of Public Health and numerous others.

Mahmoud has worked on and published manuscripts using secondary data including data from the Women’s Health Initiative (WHI), National Cancer Database (NCDB), American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP), The Society of Thoracic Surgeons National Database (STS), and electronic medical records data from The Ohio State University Wexner Medical Center information warehouse.

**Education**

M.S., Biostatistics, The Ohio State University, 2011

M.P.H., Epidemiology, The Ohio State University, 2008

**Research Interests**

* Propensity score methods (matching, weighting)
* Observational studies
* Predictive models and nomograms

**Selected Publications**

1. Foraker RE, **Abdel-Rasoul M**, Kuller LH, Jackson RD, Van Horn L, Seguin RA, Safford MM, Wallace RB, Kucharska-Newton AM, Robinson JG, Martin LW, Agha G, Hou L, Allen NB, Tindle HA. [Cardiovascular Health and Incident Cardiovascular Disease and Cancer: The Women’s Health Initiative.](https://www.ncbi.nlm.nih.gov/pubmed/26456876/)Am J Prev Med. 2016 Feb;50(2):236-40. doi: 10.1016/j.amepre.2015.07.039. Epub 2015 Oct 9. PubMed PMID: 26456876; PubMed Central PMCID: PMC4718741.
2. Kneuertz PJ, Zhao J, D’Souza DM, **Abdel-Rasoul M**, Merritt RE. [National Trends and Outcomes of Segmentectomy in the Society of Thoracic Surgery Database.](https://www.ncbi.nlm.nih.gov/pubmed/34428432/)Ann Thorac Surg. 2021 Aug 21;. doi: 10.1016/j.athoracsur.2021.07.056. [Epub ahead of print] PubMed PMID: 34428432
3. Merritt RE, **Abdel-Rasoul M**, D’Souza DM, Kneuertz PJ. [Racial Disparities in Overall Survival and Surgical Treatment for Early Stage Lung Cancer by Facility Type.](https://www.ncbi.nlm.nih.gov/pubmed/33597104/)Clin Lung Cancer. 2021 Sep;22(5):e691-e698. doi: 10.1016/j.cllc.2021.01.007. Epub 2021 Jan 22. PubMed PMID: 33597104.