## Helpful Papers

**Project 1**

* [Utilizing Immuno-oncology Registry Data For Enhanced NSCLC Treatment Predictions](https://drive.google.com/file/d/101_RsKpWFfEuy_ylw0pPf4PQkDscUudW/view?usp=sharing) - Dr. Yili Zhang
* [The Predictive Model Construction for Immune-Related Adverse Events in Non-Small Cell Lung Cancer Patients Receiving Immunotherapy](https://pmc.ncbi.nlm.nih.gov/articles/PMC10629333/)
  + Predicts irAE based on structured data

**Project 2**

* [Automated Identification of Patients With Immune-Related Adverse Events From Clinical Notes Using Word Embedding and Machine Learning](https://pmc.ncbi.nlm.nih.gov/articles/PMC8462565/) - Dr. Gupta

[link](http://variable_groups_by_category.html)

## Papers to check out

* Project 2 Papers
* [Identification and Characterization of Immune Checkpoint Inhibitor–Induced Toxicities From Electronic Health Records Using Natural Language Processing](https://ascopubs.org/doi/full/10.1200/CCI.23.00151)
* [Machine Learning for Prediction of Immunotherapy Efficacy in Non-Small Cell Lung Cancer from Simple Clinical and Biological Data](https://pmc.ncbi.nlm.nih.gov/articles/PMC8699503/)
* [Deep Learning Model for Predicting Immunotherapy Response in Advanced Non−Small Cell Lung Cancer](https://jamanetwork.com/journals/jamaoncology/fullarticle/2828578)