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*Concept Embeddings for Stroke Subtype Discovery*

Andrew Zimolzak is an assistant professor in the department of medicine at Baylor College of Medicine. Dr. Zimolzak has studied the secondary use of routinely collected medical data for 10 years. He has direct experience with retrieval and analysis of data from electronic medical records from multiple health care systems, as well medical insurance claims. This work has been applied in projects such as randomized trials of medications for hypertension and heart failure, pharmacogenomics, lung cancer genomics and precision medicine, kidney failure prediction, physicians' delayed follow-up of patient test results, diagnostic error in the emergency department, and outcome prediction in COVID-19. Dr. Zimolzak has practiced general internal medicine in urgent care and inpatient hospital settings for over ten years, and in addition to research efforts he is a teaching hospitalist at the Michael E. DeBakey VA Medical Center in Houston. His interests include deriving accurate phenotype information from medical records, machine learning for improved efficiency of data cleaning, and research code reproducibility and sharing. He has been funded by the Gordon and Betty Moore Foundation, and the Agency for Healthcare Research and Quality.