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# Resources



## 2018 IEEE BHI and BSN Data Challenge

Tom Pollard, Alistair Johnson, Jesse Raffa

A challenge to explore real clinical questions in critically ill patients using the MIMIC. A collaboration with the IEEE Conference on Biomedical and Health Informatics 2018 and the IEEE Conference on Body Sensor Networks.

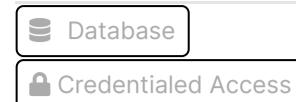
[weekend effect](#) [ieee](#)  
[challenge](#) [mimic](#)

Published: Feb. 5, 2018. Version: 1.0

## CXR-Align: A Benchmark for CXR- Report Alignment with Negations

Hanbin Ko

CXR-Align is a benchmark dataset created to evaluate vision-language models' capability to interpret negations in chest X-ray (CXR) reports, featuring systematically modified reports from MIMIC-CXR.



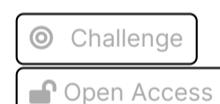
# Curated Data for Describing Blood Glucose Management in the Intensive Care Unit

Aldo Robles Arévalo,  
Roselyn Mateo-Collado,  
Leo Anthony Celi

The data subsets consist of time series files that includes all the curated entries of glucose readings and insulin inputs from MIMIC-III database.



Published: April 19, 2021. Version:  
1.0.1

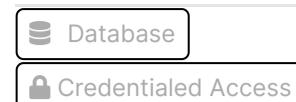


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# [EHRCOn: Dataset for Checking Consistency between Unstructured Notes and Structured Tables in Electronic Health Records](#)

Yeonsu Kwon, Jiho Kim,  
Gyubok Lee, Seongsu  
Bae, Daeun Kyung,  
Wonchul Cha, Tom  
Pollard, Alistair Johnson,  
Edward Choi

Dataset for Checking  
Consistency between  
Unstructured Notes and  
Structured Tables in  
Electronic Health Records

Published: March 19, 2025.  
Version: 1.0.1



# [MIMIC-IV demo data in the OMOP Common Data Model](#)

Michael Kallfelz, Anna  
Tsvetkova, Tom Pollard,  
Manlik Kwong, Gigi Lipori,  
Vojtech Huser, Jeffrey  
Osborn, Sicheng Hao,  
Andrew Williams

Preliminary work to  
transform a MIMIC-IV  
demo dataset to the  
OMOP Common Data  
Model

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MIT Laboratory for Computational Physiology

National Institute of Biomedical Imaging and Bioengineering (NIBIB) under NIH grant number R01EB030362

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