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MIMIC-III database

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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

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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.

Published: Aug. 21, 2025. Version: 1.0.0

- Database
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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.

- insulin replacement therapy
- glycemic control
- critical care

Published: April 19, 2021. Version: 1.0.1

- Challenge
- Open Access

2018 IEEE BHI and BSN Data Challenge

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- weekend effect
- ieee
- challenge
- mimic

Published: Feb. 5, 2018. Version: 1.0

Database

Credentialed Access

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

Database

Open Access

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



MIT Laboratory for Computational Physiology
National Institute of Biomedical Imaging and Bioengineering (NIBIB) under NIH grant number R01EB030362

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