2023

- **A. W. Mulyadi**, W. Jung, K. Oh, J.S. Yoon, K.H. Lee and H.-I. Suk, "Estimating Explainable Alzheimer's Disease Likelihood Map via Clinically-guided Prototype Learning," NeuroImage, vol. 273, pp. 120073, June, 2023.

2022

- **A. W. Mulyadi**, W. Jung, K. Oh, J.S. Yoon, and H.-I. Suk, "Clinically-guided Prototype Learning and Its Use for Explanation in Alzheimer's Disease Identification," in 2022 NeurIPS Workshop: 'Medical Imaging meets NeurIPS (MedNeurIPS)', New Orleans, USA, November 28-December 3, 2022. (Oral Presentation)

- K. Oh, D.-W. Heo, **A. W. Mulyadi**, W. Jung, E. Kang, and H.-I. Suk, "Quantifying Explainability of Counterfactual-Guided MRI Feature for Alzheimer's Disease Prediction," in 2022 NeurIPS Workshop: 'Medical Imaging meets NeurIPS (MedNeurIPS)', New Orleans, USA, November 28-December 3, 2022.

- **A. W. Mulyadi**, W. Jung, K. Oh, J.S. Yoon, and H.-I. Suk, "Topological-aware Prototype Learning for Estimating Explainable Alzheimer's Disease Likelihood Map," in Conference of Korea Artificial Intelligence Association (KAIA), Jeju Island, South Korea, 2022.

- **A. W. Mulyadi**, W. Jung, K. Oh, J.S. Yoon, and H.-I. Suk, "XADLiME: eXplainable Alzheimer's Disease Likelihood Map Estimation via Clinically-guided Prototype Learning," arXiv preprint arXiv:2207.13223, 2022.

- **A. W. Mulyadi**, E. Jun and H.-I. Suk, "Uncertainty-Aware Variational-Recurrent Imputation Network for Clinical Time Series," in IEEE Transactions on Cybernetics, vol. 52:9, pp. 9684 - 9694, 2022.

2021

- S. Jeong, W. Ko, **A. W. Mulyadi**, and H.-I. Suk, "Efficient Continuous Manifold Learning for Time Series Modeling," arXiv preprint arXiv:2112.03379, 2021.

- W. Ko, W. Jung, E. Jeon, **A. W. Mulyadi**, and H.-I. Suk, "ENGINE: Enhancing Neuroimaging and Genetic Information by Neural Embedding," Proc. 21st IEEE International Conference on Data Mining (ICDM), Auckland, New Zealand, December 7-10, 2021.

- **A. W. Mulyadi** and H.-I. Suk, "ProtoBrainMaps: Prototypical Brain Maps for Alzheimer's Disease Progression Modeling," in Medical Imaging with Deep Learning (MIDL) (Short Paper), Lübeck, Germany, 2021.

2020

- E. Jun, **A. W. Mulyadi**, J. Choi and H.-I. Suk, "Uncertainty-Gated Stochastic Sequential Model for EHR Mortality Prediction," in IEEE Transactions on Neural Networks and Learning Systems, vol. 32:9, pp. 4052 - 4062, 2020.

2019

- W. Jung, **A. W. Mulyadi**, and H.-I. Suk, "Unified Modeling of Imputation, Forecasting, and Prediction for AD Progression," 2019 Medical Image Computing and Computer Assisted Intervention (MICCAI), Shenzhen, China, 2019.

- E. Jun*, **A. W. Mulyadi***, and H.-I. Suk, "Stochastic Imputation and Uncertainty-Aware Attention to EHR for Mortality Prediction," 2019 International Joint Conference on Neural Networks (IJCNN), Budapest, Hungary, 2019, pp. 1-7. *) Equally contributed.

2016

- **A. W. Mulyadi**, C. Machbub, A. S. Prihatmanto, and B.-K. Sin, "Design of Music Learning Assistant Based on Audio Music and Music Score Recognition," 한국멀티미디어학회논문지, vol. 19, no. 5, pp. 826–836, May 2016.

2015

- **A. W. Mulyadi**, B.-K. Sin, "Music Learning Assistant Using Audio-Visual Analysis," 한국정보과학회 2015년 동계학술발표회 논문집, pp. 733 - 734, 2015.