

Diagnostic Aid for Parkinson's Disease

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References

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- [2] M. Rossi, S. Perez-Lloret and M. Merello, "How much time is needed in clinical practice to reach a diagnosis of clinically established Parkinson's disease?," *Parkinsonism & Related Disorders*, vol. 92, pp. 53-58, 2021.
- [3] J.C. et. al., "Screening of Parkinson's Disease Using Geometric Features Extracted from Spiral Drawings," *Brain Sciences*, vol. vol. 11, no. no. 10, p. p. 1297, Sep. 2021.
- [4] M. Sun, A. Watson, G. Blackwell, W. Jung, S. Wang, K. Kolternamm, N. Helm, G. Zhou, L. Cloud and I. Pretzer-Aboff, "TremorSense: Tremor Detection for Parkinson's Disease Using Convolutional Neural Network," *2021 IEEE/ACM Conference on Connected Health: Applications*, pp. pp. 1-10, 2021.
- [5] L. Yuan, Y. Liu and H.-M. Feng, "Parkinson disease prediction using machine learning-based features from speech signal," *Service Oriented Computing and Applications*, June 2023.

Datasets

Dataset: Accelerometric Classification of Resting and Postural Tremor Amplitude:

<https://osf.io/mp5ha/files/osfstorage>

Parkinson's Drawings:

<https://www.kaggle.com/datasets/kmader/parkinsons-drawings>

Voice Samples for Patients with Parkinson's Disease and Healthy Controls:

[https://figshare.com/articles/dataset/Voice Samples for Patients with Parkinson s Disease a
nd Healthy Controls/23849127](https://figshare.com/articles/dataset/Voice_Samples_for_Patients_with_Parkinson_s_Disease_and_Healthy_Controls/23849127)

PADS - Parkinsons Disease Smartwatch Dataset:

<https://physionet.org/content/parkinsons-disease-smartwatch/1.0.0/>

Parkinson's Disease Handwriting Database (PaHaW):

<https://bdalab.utko.fekt.vut.cz/>

UC Irvine Machine Learning Repository- Oxford Parkinson's Disease Detection Dataset:

[Parkinsons - UCI Machine Learning Repository](#)

UC Irvine Machine Learning Repository- Parkinson Disease Spiral Drawings Using Digitized Graphics Tablet

[Parkinson Disease Spiral Drawings Using Digitized Graphics Tablet - UCI Machine Learning Repository](#)