Below is a list of references we discussed during the Q&A portion of the workshop.

Muggeo, Vito M. R. “Estimating Regression Models with Unknown Break-Points.” Statistics in Medicine 22, no. 19 (October 15, 2003): 3055–71. <https://doi.org/10.1002/sim.1545>.

Muggeo V., Atkins D.C., Gallop R.J., Dimidjian S. (2014) Segmented mixed models with random changepoints: a maximum likelihood approach with application to treatment for depression study. Statistical Modelling, 14, 293-313.

Muggeo V. (2016) Segmented mixed models with random changepoints in R. Working paper available on RG. doi: 10.13140/RG.2.1.4180.8402

Marmelat V, Meidinger RL. Fractal analysis of gait in people with Parkinson's disease: three minutes is not enough. Gait Posture. 2019 May;70:229-234. doi: 10.1016/j.gaitpost.2019.02.023. Epub 2019 Feb 26. PMID: 30909002; PMCID: PMC6545579.

Marmelat V, Reynolds NR and Hellman A (2018) Gait Dynamics in Parkinson’s Disease: Short Gait Trials “Stitched” Together Provide Different Fractal Fluctuations Compared to Longer Trials. Front. Physiol. 9:861. doi: 10.3389/fphys.2018.00861

Kuznetsov, Nikita A., and Christopher K. Rhea. “Power Considerations for the Application of Detrended Fluctuation Analysis in Gait Variability Studies.” Edited by Boris Podobnik. PLOS ONE 12, no. 3 (March 21, 2017): e0174144. <https://doi.org/10.1371/journal.pone.0174144>.

Ihlen, Espen A. F. “Introduction to Multifractal Detrended Fluctuation Analysis in Matlab.” Frontiers in Physiology 3, no. 141 (2012). <https://doi.org/10.3389/fphys.2012.00141>.

Jaffard, S., Seuret, S., Wendt, H., Leonarduzzi, R., Roux, S., & Abry, P. (2019). Multivariate multifractal analysis. Applied and Computational Harmonic Analysis, 46(3), 653-663.

Kelty-Stephen, Damian, Elizabeth Lane, Lauren Bloomfield, and Madhur Mangalam. “Multifractal Test for Nonlinearity of Interactions across Scales in Time Series.” Preprint. Open Science Framework, March 15, 2022. <https://doi.org/10.31219/osf.io/ntcg4>.

Kelty-Stephen, Damian G., Kinga Palatinus, Elliot Saltzman, and James A. Dixon. “A Tutorial on Multifractality, Cascades, and Interactivity for Empirical Time Series in Ecological Science.” Ecological Psychology 25, no. 1 (January 2013): 1–62. <https://doi.org/10.1080/10407413.2013.753804>.

Torre, Kjerstin, and Eric Jan Wagenmakers. “Theories and Models for 1/Fβ Noise in Human Movement Science.” Human Movement Science 28, no. 3 (2009): 297–318. <https://doi.org/10.1016/j.humov.2009.01.001>.