Publication list – last 5 years relevant to the project

Journal articles (*: indicates the corresponding author)

1. **Fujita A***, Lira E, Santos SS, Soares GE, Bando SY, Takahashi DY. A semi-parametric statistical test to compare complex networks. *Journal of Complex Networks*. **8**: 2, 2020.
2. Jardim VC, Siqueira SS, **Fujita A**, Buckeridge MS. BioNetStat: a tool for biological networks differential analysis. *Frontiers in Genetics*. 10: 594, 2019.
3. Ramos TC, Balardin JB, Sato JR, **Fujita A***. Abnormal cortico-cerebellar functional connectivity in autism spectrum disorder. *Frontiers in Systems Neuroscience*. **12**: 74, 2019.
4. Guzman GEC, Vidal MC, Sato JR, **Fujita A***. Identification of alterations associated with age in the clustering structure of functional brain networks. *PLoS ONE*. **13**: e0195906, 2018.
5. Sato JR, Vidal MC, Siqueira SS, Massirer KB, **Fujita A***. Complex network measures in autism spectrum disorders. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*. **15**: 581 - 587, 2018.
6. Vidal MC, Sato JR, Balardin JB, Takahashi DY, **Fujita A***. ANOCVA in R: A software to compare clusters between groups and its application to the study of autism spectrum disorder. *Frontiers in Neuroscience*. **11**: 16, 2017.
7. **Fujita A***, Vidal MC, Takahashi DY. A statistical method to distinguish functional brain networks. *Frontiers in Neuroscience*. **11**: 66, 2017.
8. Sato JR, Balardin J, Vidal MC, **Fujita A***. Identification of segregated regions in the functional brain connectome of autistic patients by a combination of fuzzy spectral clustering and entropy analysis. *Journal of Psychiatry & Neuroscience*. **41**: 124-132, 2016.
9. **Fujita A***, Takahashi DY, Balardin JB, Vidal MC, Sato JR. Correlation between graphs with an application to brain network analysis. *Computational Statistics & Data Analysis*. **109**: 76 - 92, 2016.

Book chapters

1. Carvalho VJ, Moreno CC, **Fujita A***. Computational tools for comparing gene coexpression networks. In: da Silva FAB, Carels N, Trindade dos Santos M, Lopes FJP. (Eds.). Networks in Systems Biology. Computational Biology. Vol. 32. Springer, pp. 19 – 30, 2020.
2. Guzman GCE, Balardin JB, Biazoli Jr CE, Sato JR, **Fujita A***. Network analysis of neuropsychiatric disorders. In: Joel Faintuch, Salomão Faintuch, Beth Israel Deaconess. (Eds.). Precision medicine for investigators, practitioners and providers. 1ed.: Elsevier/USA, pp. 397 – 408, 2020.
3. Patriota AG, Vidal MC, Jesus DAC, **Fujita A***. ANOCVA: a non-parametric statistical test to compare clustering structures. In: Fabricio Alves Barbosa da Silva; Nicolas Carels; Floriano Paes Silva Junior. (Eds.). Theoretical and Applied Aspects of Systems Biology. 1ed.: Springer International Publishing, pp. 113 - 125, 2018.
4. Siqueira SS, Takahashi DY, Sato JR, Ferreira CE, **Fujita A***. Statistical methods in graphs: parameter estimation, model selection, and test. In Matthias Dehmer, Frank Emmert-Streib, Zengqiang Chen, Xueliang Li, Yongtang Shi (Eds). Mathematical foundations and applications of graph entropy. Wiley-VCH Verlag, pp. 183 - 202, 2016.