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Statistical methods for the analysis of complex omics data

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List of Publications

Tissier R.L.M., Uh H.W., van den Akker E., Balliu B., Tsonaka S., Houwing-Duistermaat J.J. (2016). Gene coexpression network analysis for family studies based on a meta-analytic approach. *BMC Proceedings* 10, (Suppl 7): 119–123.

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Tissier R.L.M., Houwing-Duistermaat J.J., Rodríguez-Girondo M. (2018). Improving stability of prediction models based on correlated omics data by using network approaches. *Plos One* 13, (2): e0192853.

Tissier R.L.M., Rodríguez-Girondo M., Houwing-Duistermaat J.J. Integration of several omic sources in prediction models using network-based approaches. Submitted for publication.

Tissier R.L.M., Houwing-Duistermaat J.J. Statistical methods for the analysis of secondary phenotypes in family proband designs. Submitted for publication.

Fuady A M, **Tissier R.L.M.**, Houwing-Duistermaat J.J. (2018). Genome-wide analysis in multiple-case families: assessing the relationship between triglyceride and methylation. *BMC Proceedings*, 2(Suppl 9):67–71.

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Bas-Hoogendam J.M., Harrewijn A., **Tissier R.L.M.**, van der Molen M.J.W., van Steenberg H., Van Vliet I.M., Reichart C.G., Houwing-Duistermaat J.J., Slagboom E., van der Wee N.J.A., Westenberg P.M. (2018). The Leiden Family Lab study on Social Anxiety Disorder: a multiplex, multigenerational family study on neurocognitive endophenotype. *International Journal of Methods* 27, (2):e1616

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