Statistical integration of diverse omics data

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List of Publications

el Bouhaddani, S., Uh, H.-W., Jongbloed, G., Hayward, C., Klarić, L., Kiełbasa, S. M., & Houwing-Duistermaat, J. (2018). Integrating omics datasets with the OmicsPLS package. BMC Bioinformatics, 19(1). doi:10.1186/s12859-018-2371-3

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Reiding, K. R., Ruhaak, L. R., Uh, H.-W., **el Bouhaddani, S.**, van den Akker, E. B., Plomp, R., McDonnell, L. A., Houwing-Duistermaat, J., Slagboom, P. E., Beekman, M., Wuhrer, M. (2017). Human Plasma N -glycosylation as Analyzed by Matrix-Assisted Laser Desorption/Ionization-Fourier Transform Ion Cyclotron Resonance-MS Associates with Markers of Inflammation and Metabolic Health. Molecular & Cellular Proteomics, 16(2), 228–242. doi:10.1074/mcp.M116.065250

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Curriculum Vitae

Said el Bouhaddani was born on 11th May 1991 in Rotterdam, the Netherlands. In this city, he completed his secondary education at the CSG Calvijn Vreewijk in 2009. In the same year, he enrolled as BSc student Applied Mathematics at the Delft University of Technology. He chose a minor in Finance and a major in Statistics. In 2014, he obtained his MSc degree in Applied Mathematics. His MSc thesis, entitled "Integration and exploration of high-dimensional data" was conducted at the LUMC. He started as a PhD student at the LUMC, under supervision of prof. dr. Houwing-Duistermaat, dr. Uh and prof. dr. Jongbloed. Funded by the FP7 project, MIMOmics, he worked on the statistical integration of diverse omics data, which resulted in this thesis. He presented the thesis chapters at several biometrical conferences. In 2016, he received a travel grant to present his work at the Internation Biometrical Conference in Canada.

In 2018 he joined the Biostatistics group at the UMC Utrecht, as a post-doc in the IMI project "BigData@Heart". He worked on the integration of omics data related to heart diseases. In December 2019, he continued his research in the E-rare project "MSAomics" to develop methods for integrating omics data related to multiple systems atrophy.