

## Supplementary files

Susceptibility of human plasma N-glycome to low-calorie and different weight-maintenance diets

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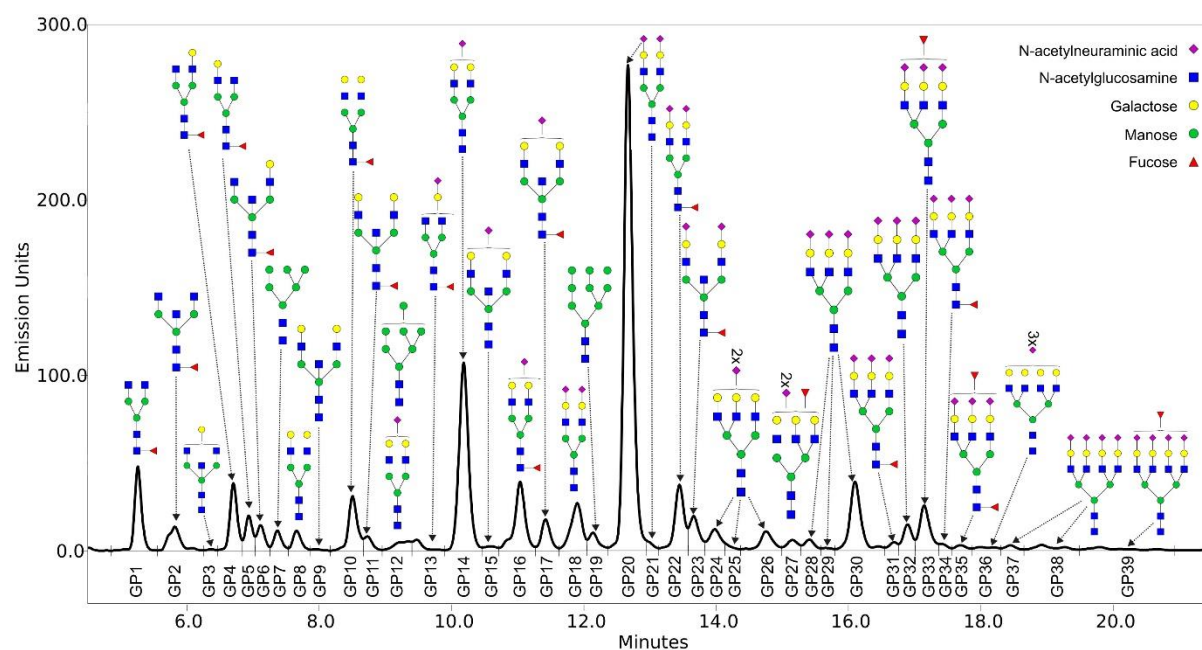
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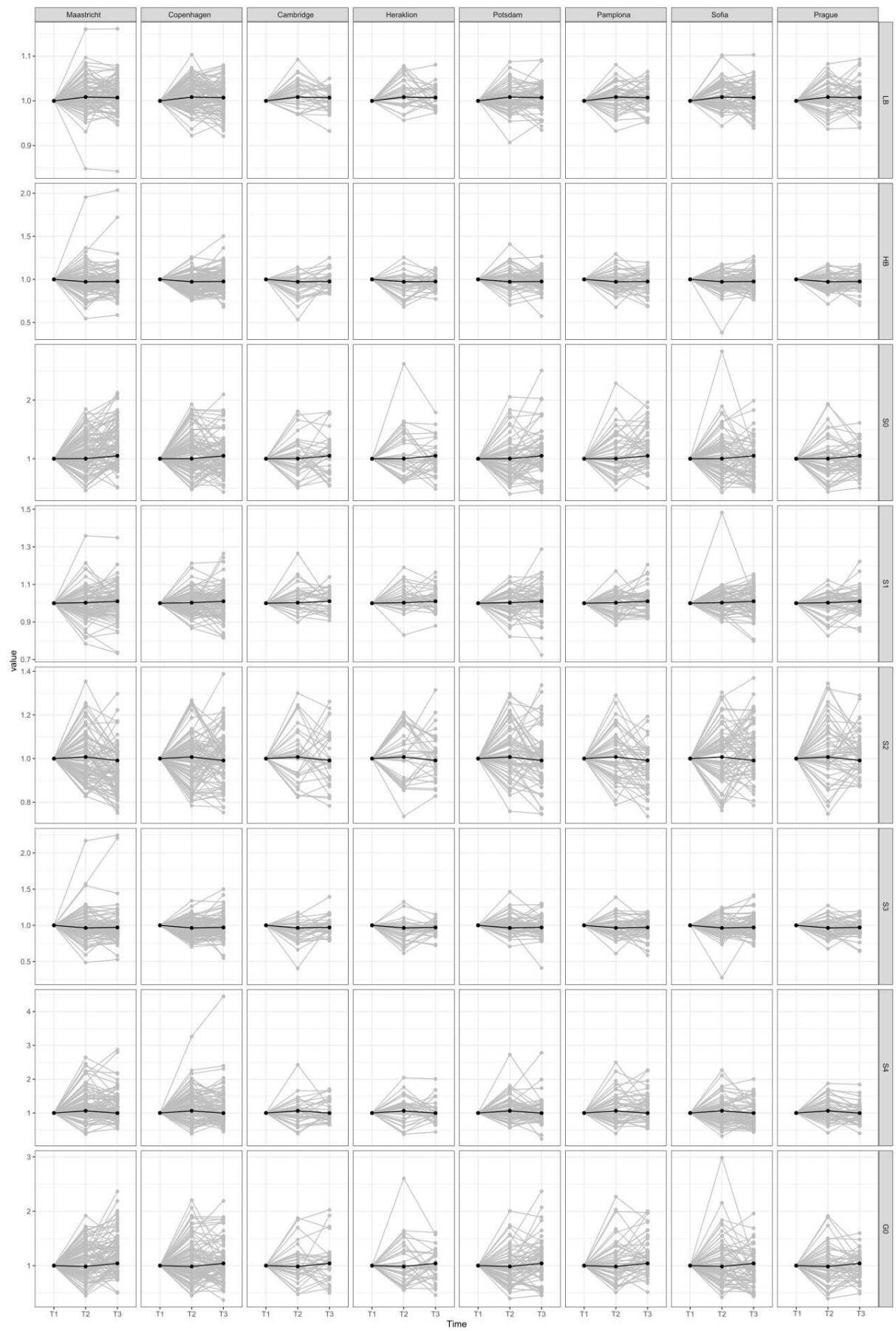
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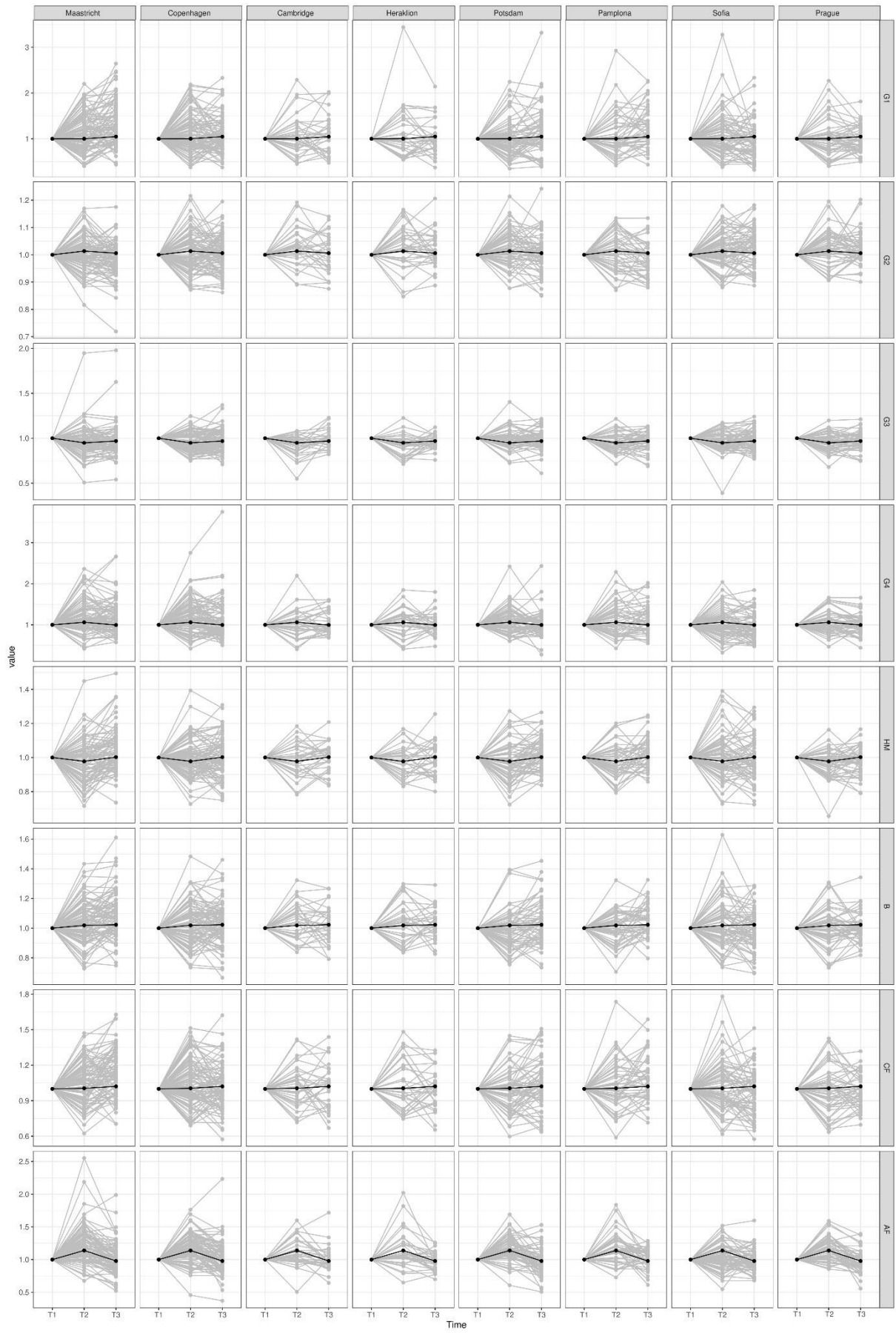
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## Supplementary figures

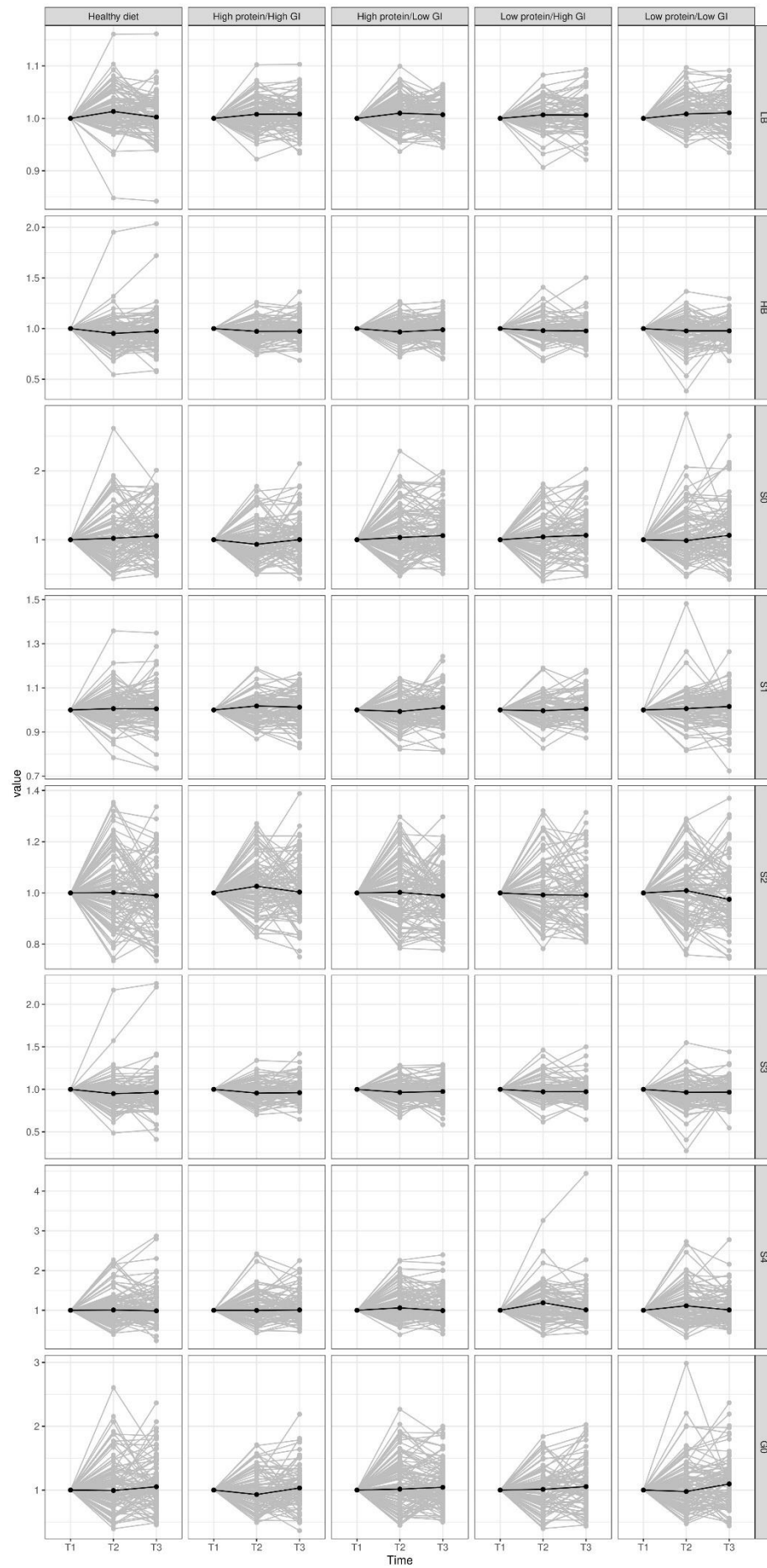


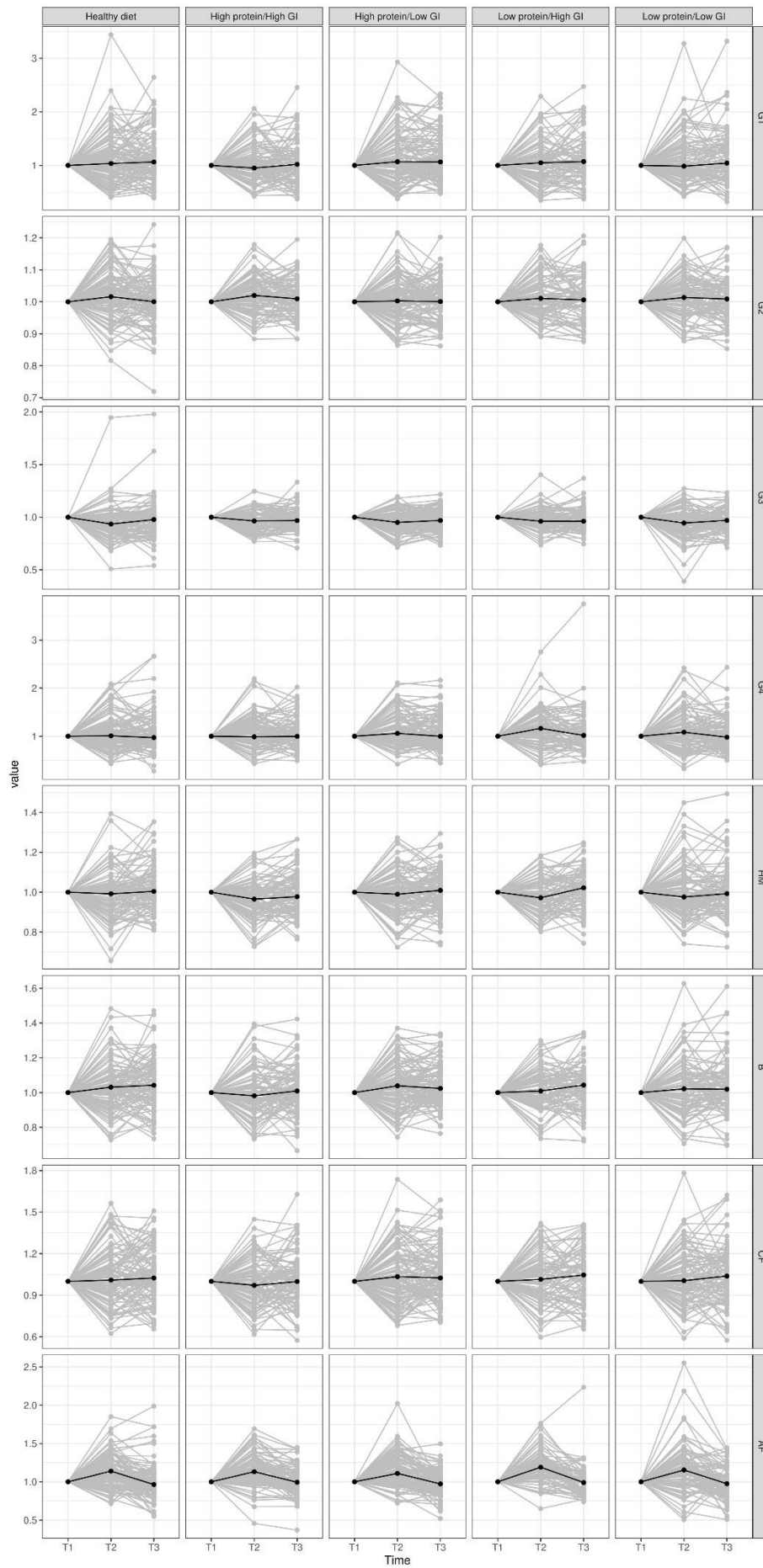
**Figure S1: representative HILIC-UPLC-FLR chromatographic profile of the human plasma 2-AB labeled N-glycome.** Graphic representation of the glycan structures corresponding to each of the 39 glycan peaks (GP) are shown. In the case of multiple structures per glycan peak, the upper structure is the major one, and the lower one is minor in abundance.





**Figure S2: plasma N-glycome composition changes between different centers of the Diogenes studies.** N-glycome changes are normalized to the first point. T1 - time point 1, T2 - time point 2, T3 - time point 3, LB – total low branching glycans, HB – total high branching glycans, S0 – total neutral glycans, S1 – total monosialylated glycans, S2 – total disialylated glycans, S3 – total trisialylated glycans, S4 – total tetrasialylated glycans, G0 – total agalactosylated glycans, G1 – total monogalactosylated glycans, G2 – total digalactosylated glycans, G3 – total trigalactosylated glycans, G4 – total tetragalactosylated glycans, HM – total high mannose glycans, B – total glycans with bisecting GlcNAc, CF – total glycans with core fucose, AF – total glycans with antennary fucose.





**Figure S3: plasma N-glycome composition changes between different types of weight-maintenance diets.** Obtained changes are normalized to the first point. GI – glycaemic index, T1 - time point 1, T2 - time point 2, T3 - time point 3, , LB – total low branching glycans, HB – total high branching glycans, S0 – total neutral glycans, S1 – total monosialylated glycans, S2 – total disialylated glycans, S3 – total trisialylated glycans, S4 – total tetrasialylated glycans, G0 – total agalactosylated glycans, G1 – total monogalactosylated glycans, G2 – total digalactosylated glycans, G3 – total trigalactosylated glycans, G4 – total tetragalactosylated glycans, HM – total high mannose glycans, B – total glycans with bisecting GlcNAc, CF – total glycans with core fucose, AF – total glycans with antennary fucose.