Supplementary Material 1

Decreased Branched-chain Amino Acids and Elevated Fatty Acids during Antecedent Hypoglycemia in Type 1 Diabetes

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Data analysis plan for the linear mixed effects model.

- **Research questions:** “How was the between-days differences?” and “How was the metabolite concentration changes in each day separately?”

- **Linear regression analyses:**
  - LM1: Metabolites~Day1 vs Day2
  - LM2: Metabolites~Day1
  - LM3: Metabolites~Day2

- **Research questions:** Are there any differences between awareness and unawareness?

- **Linear regression analyses:**
  - LM4: Metabolites~Awareness vs unawareness
  - LM5: Metabolites~Awareness
  - LM6: Metabolites~Unawareness