## Differentiation of ayahuasca samples according to the origin, religious groups, and botanical varieties using multivariate statistical analysis of UHPLC-MS qualitative data

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## Sample preparation

Ayahuasca samples (N=126) were collected from ceremonies held in different countries (Estonia, Finland, Greece, USA, Brazil, and Italy) of different group's specifications (Santo Daime, Shamanic, Neoshamanic, and União do Vegetal). The samples were stored, after collection, in 1 mL tubes in a biofreezer at -80 °C until analysis. The ayahuasca samples were thawed, conditioned at room temperature (around 25°C), and then centrifuged for 10 min at 10,000 rpm at 25 °C. The supernatants were then diluted in a 1:1 (v/v) methanol solution (40  $\mu$ L sample + 360  $\mu$ L methanol solution) and filtered in a 0.22  $\mu$ m microporous polyvinylidene fluoride membrane.