

Supplementary Tables for the manuscript “METASPACE: A community-populated knowledge base of spatial metabolomes in health and disease”

Supplementary Table S1. The values of Cohen’s kappa for the metadata factors for all datasets in METASPACE represent predictability of these factors from the molecular content of the data.

Factor	Td-idf similarity	Random similarity	Cohen’s kappa
Ion polarity	0.9730	0.4974	0.9463
Lab	0.8663	0.1055	0.8506
Organ	0.7699	0.0571	0.7560
Organism	0.8013	0.2785	0.7246
MALDI matrix	0.7406	0.2075	0.6727

Supplementary Table S2. See the file “*Supplementary Table S2. Organ-specific markers.pdf*”

Supplementary Table S3. See the file “*Supplementary Table S3. Molecular class enrichment analysis, brain, negative mode.xlsx*”

Supplementary Table S4. See the file “*Supplementary Table S4. Molecular class enrichment analysis, brain, positive mode.xlsx*”