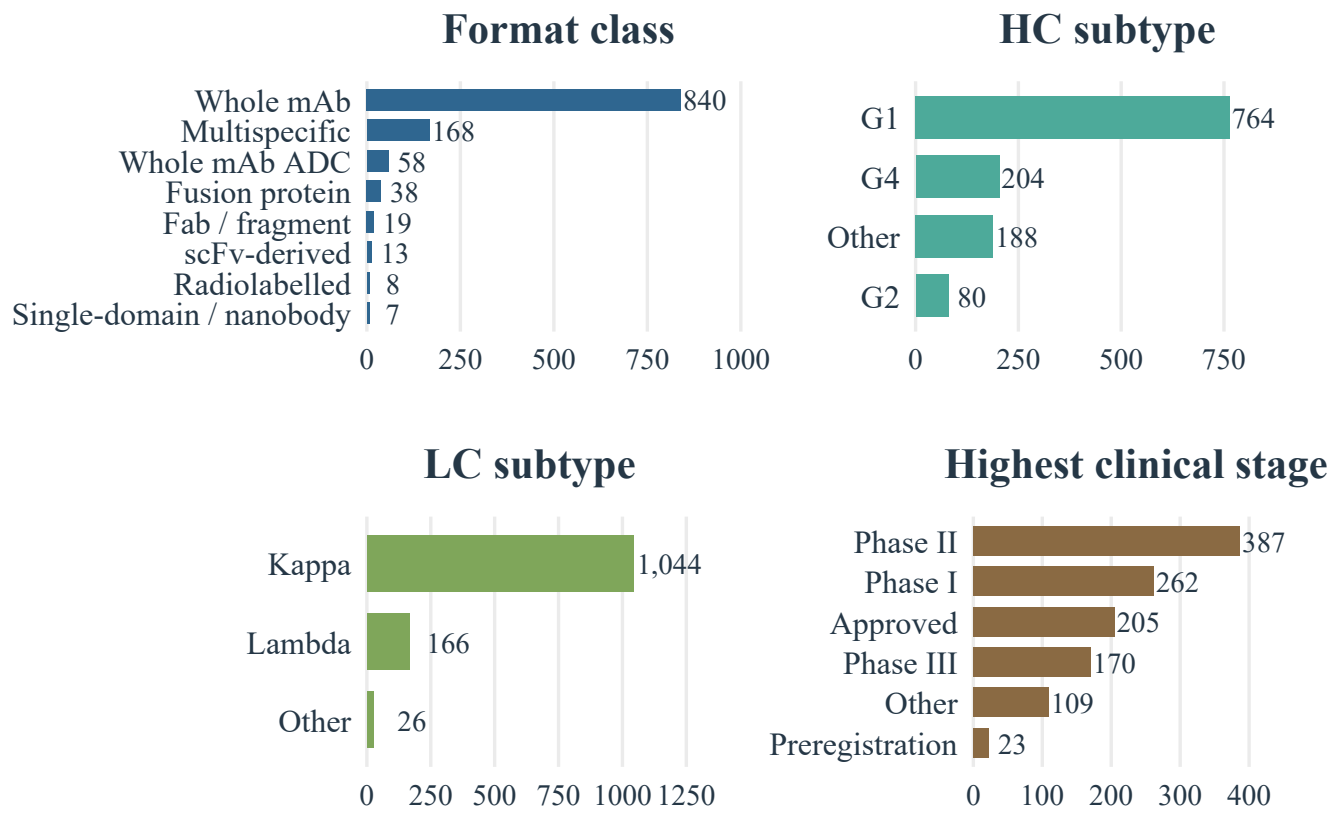
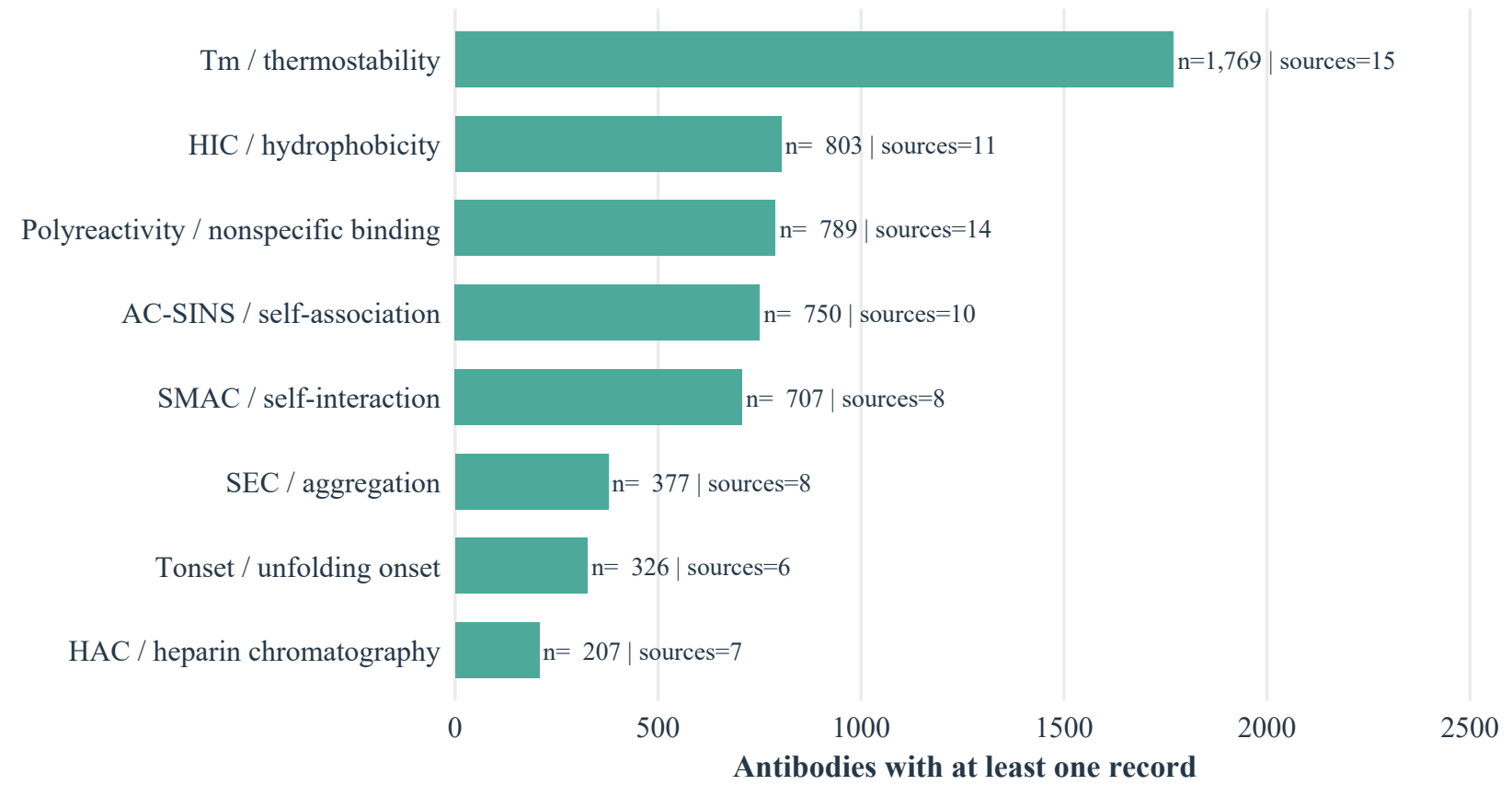


Metadata-covered therapeutic subset (n=1,236)



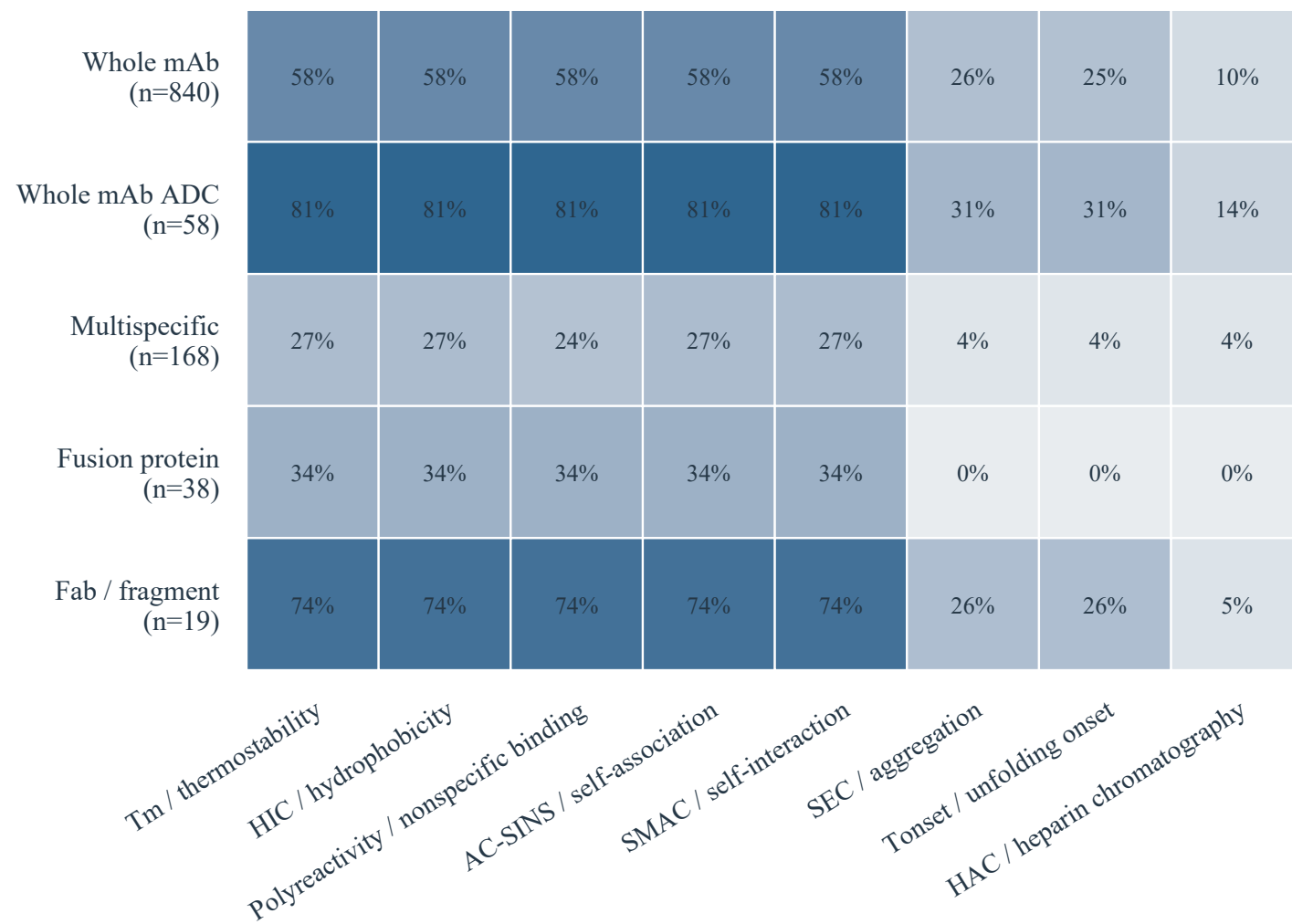
All-source assay-family coverage

Linked antibody-level presence across curated records; denominator = 17,999



Format-associated assay completeness

Presence of selected assay families within metadata-defined format groups



Antibody-level missingness pattern

Ordered harmonized-candidate antibodies across 8 core assays (n=326)

