

Vendor Feature Pattern Analysis

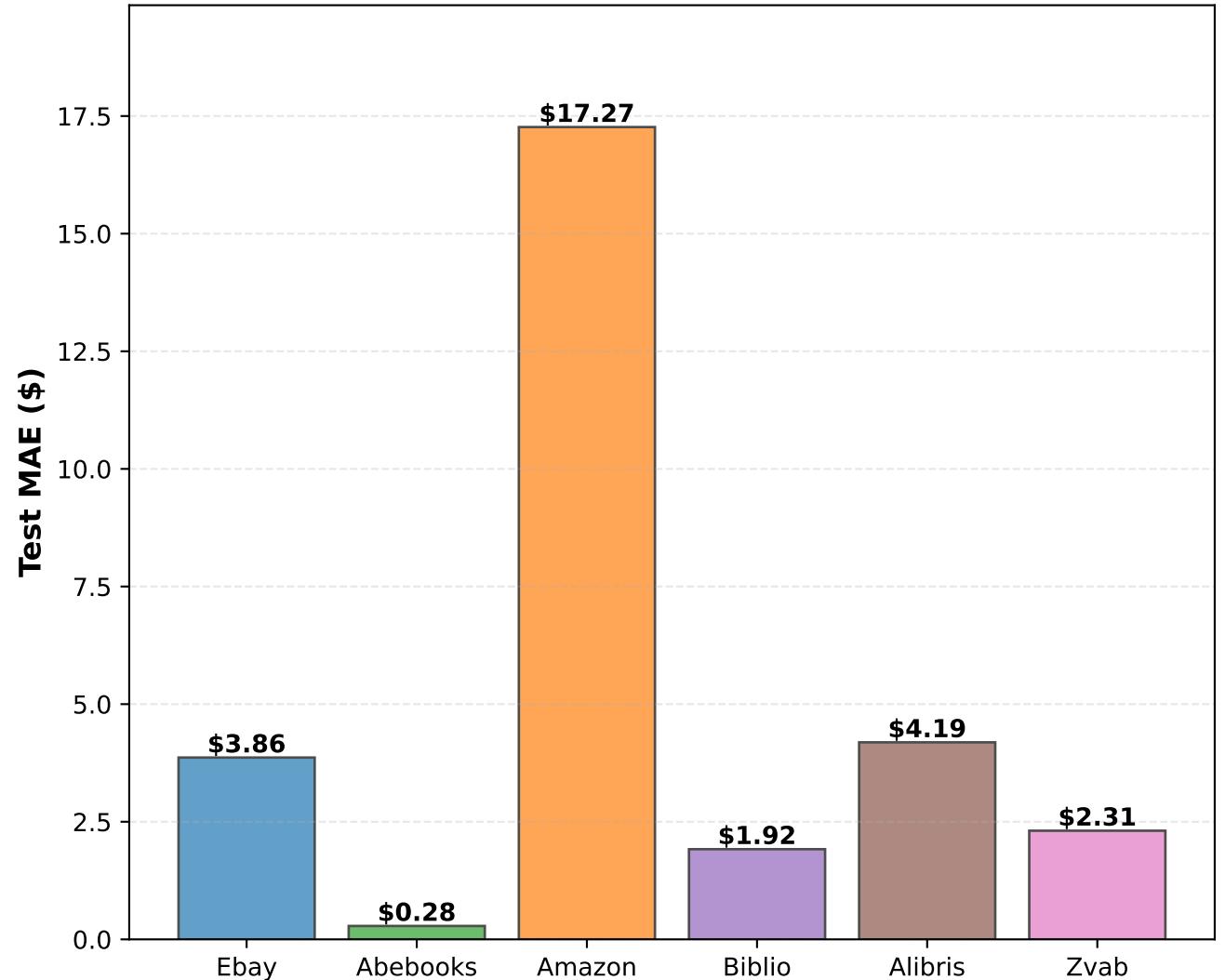
ML Model Feature Importance Across 6 Marketplaces

Generated: November 02, 2025

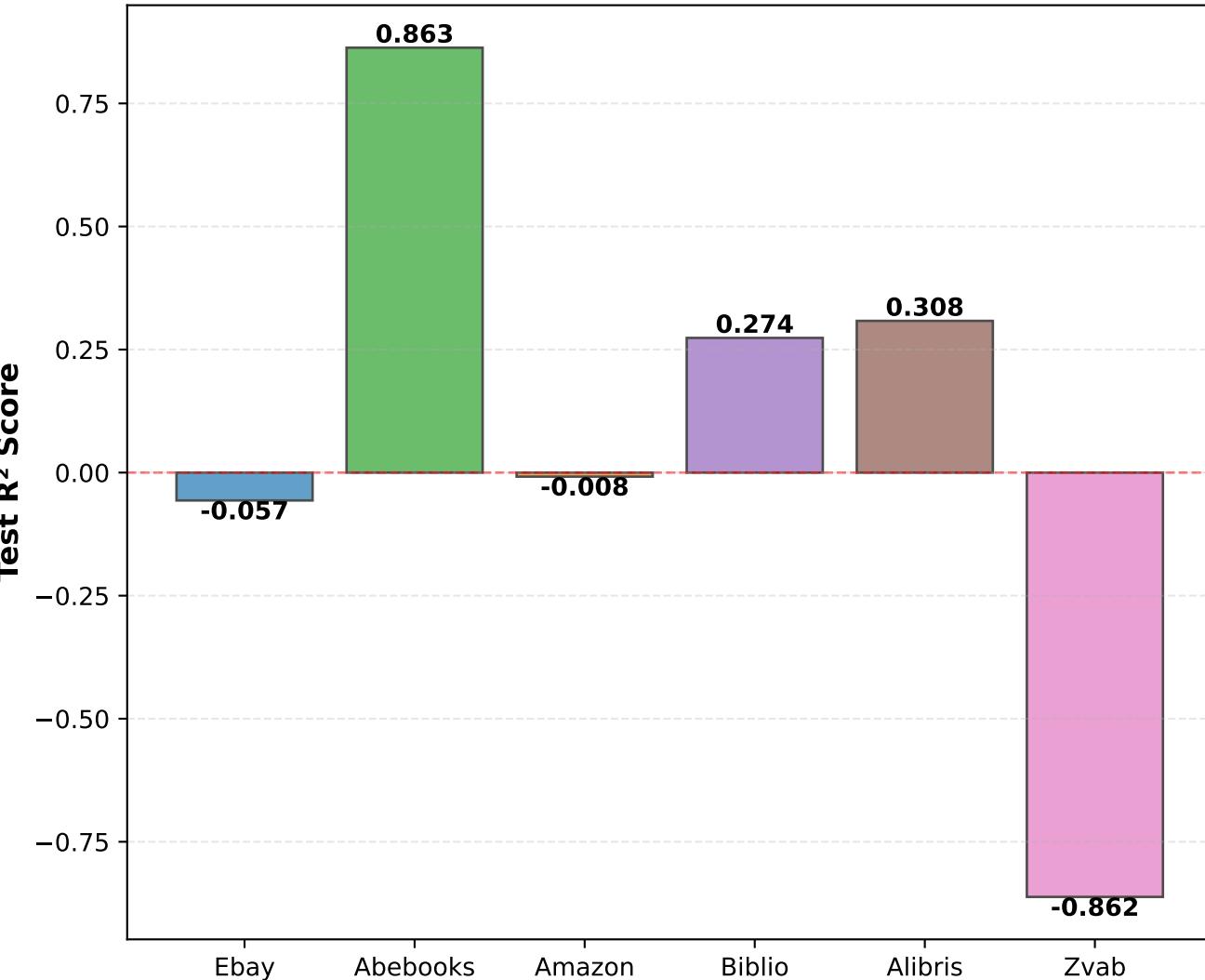
This report analyzes feature importance patterns across 6 vendor-specific ML models (eBay, AbeBooks, Amazon, Biblio, Alibris, Zvab) to identify:

- Which features are universally important vs vendor-specific
- Whether premiums (signed, first edition) are consistent across markets
 - BookFinder feature impact by vendor
 - Why signed/first edition features show low importance

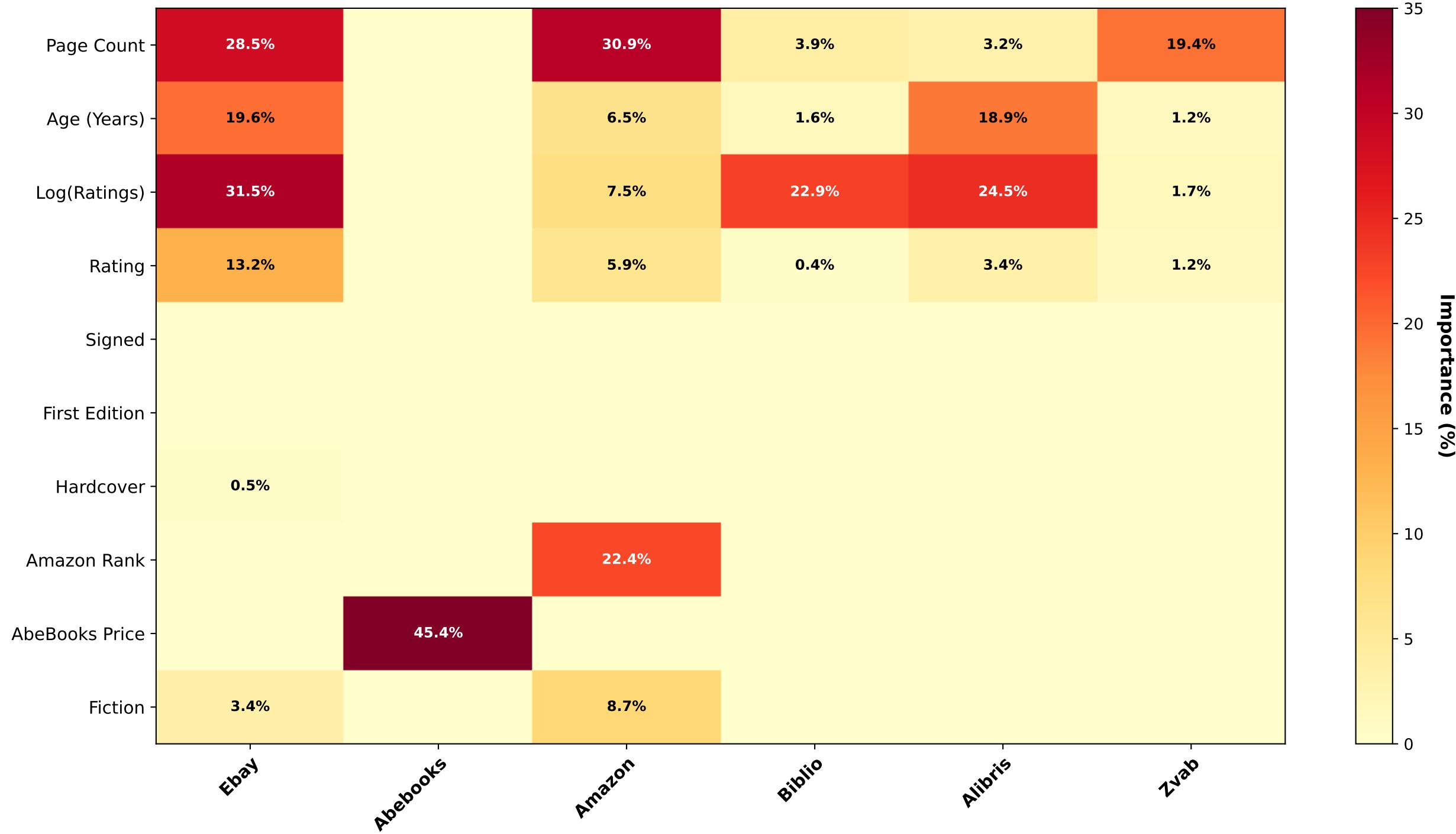
Model Performance: Test MAE by Vendor



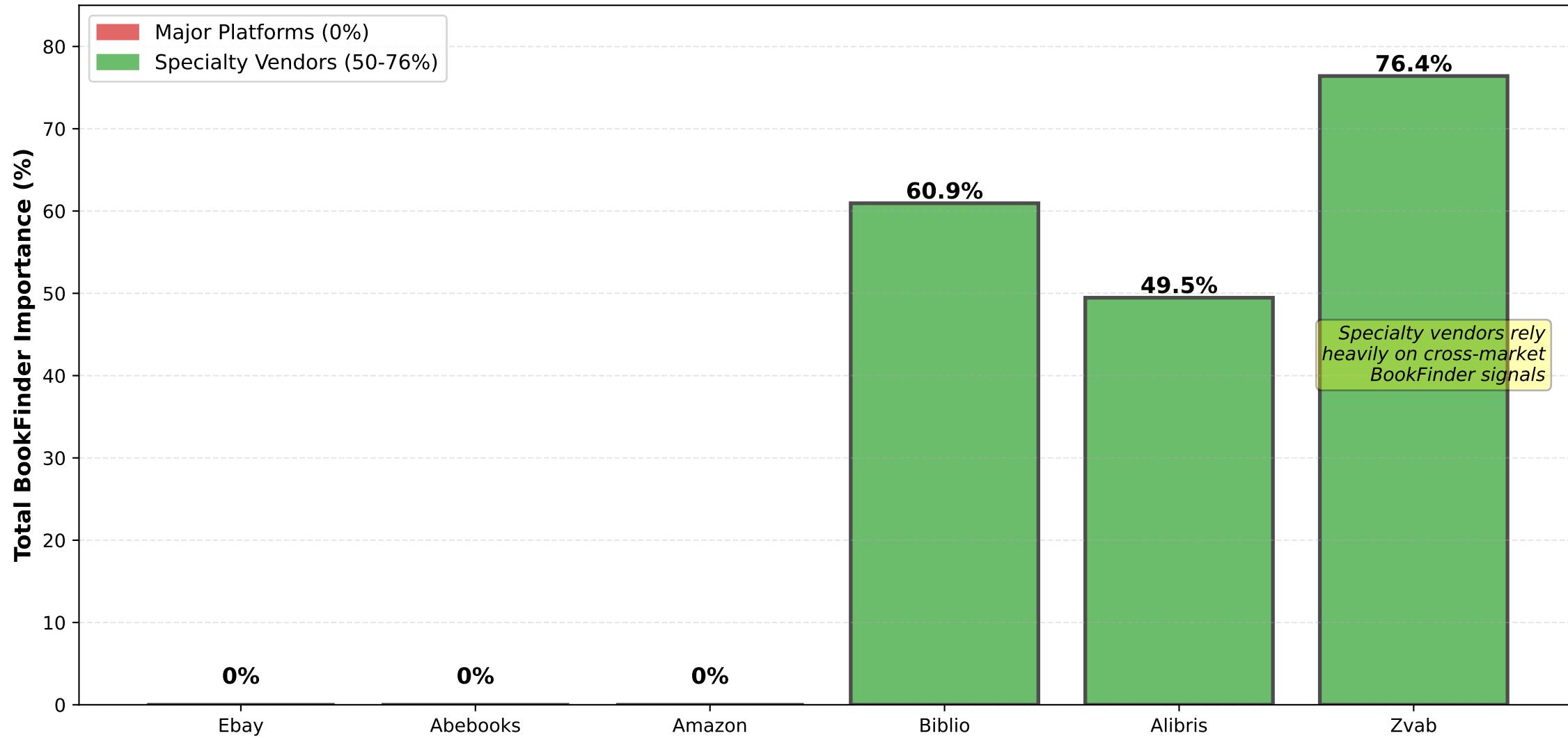
Model Performance: R² by Vendor



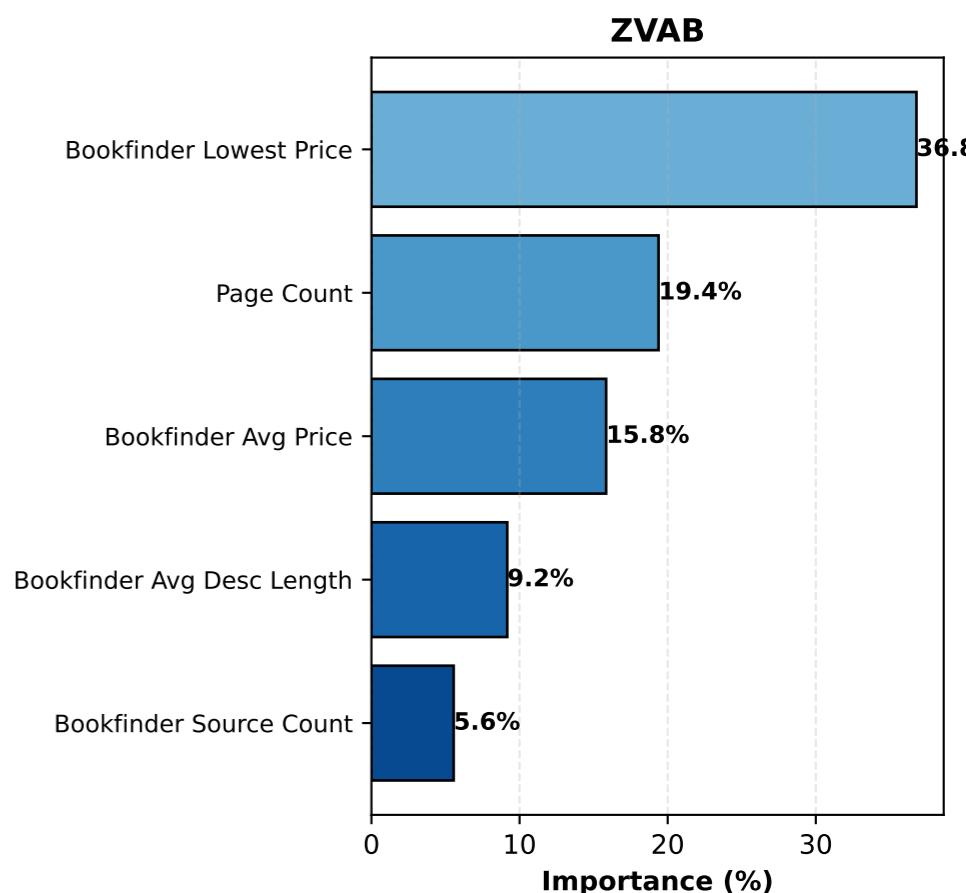
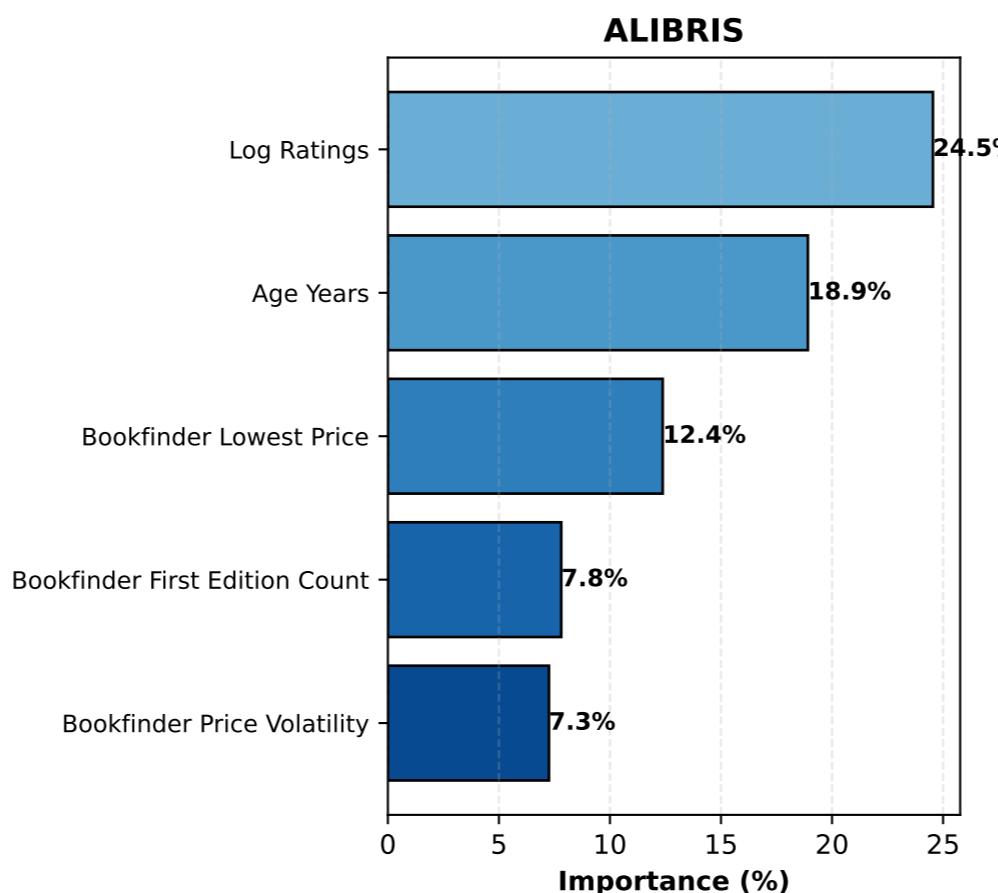
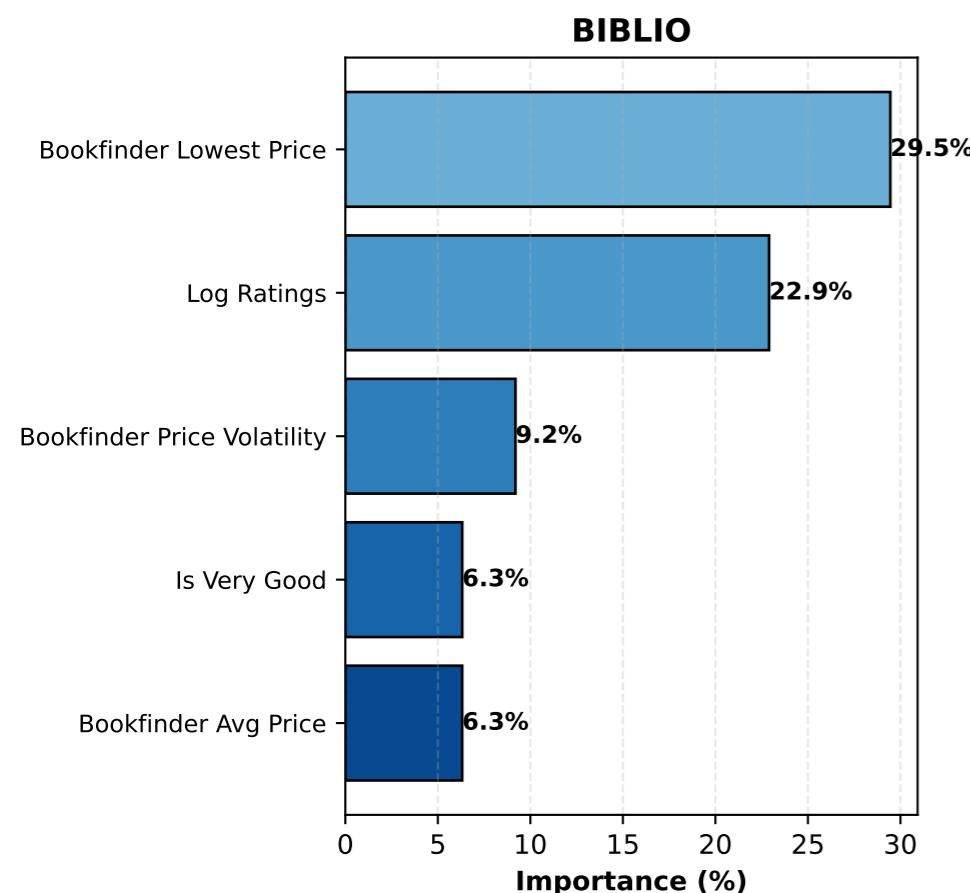
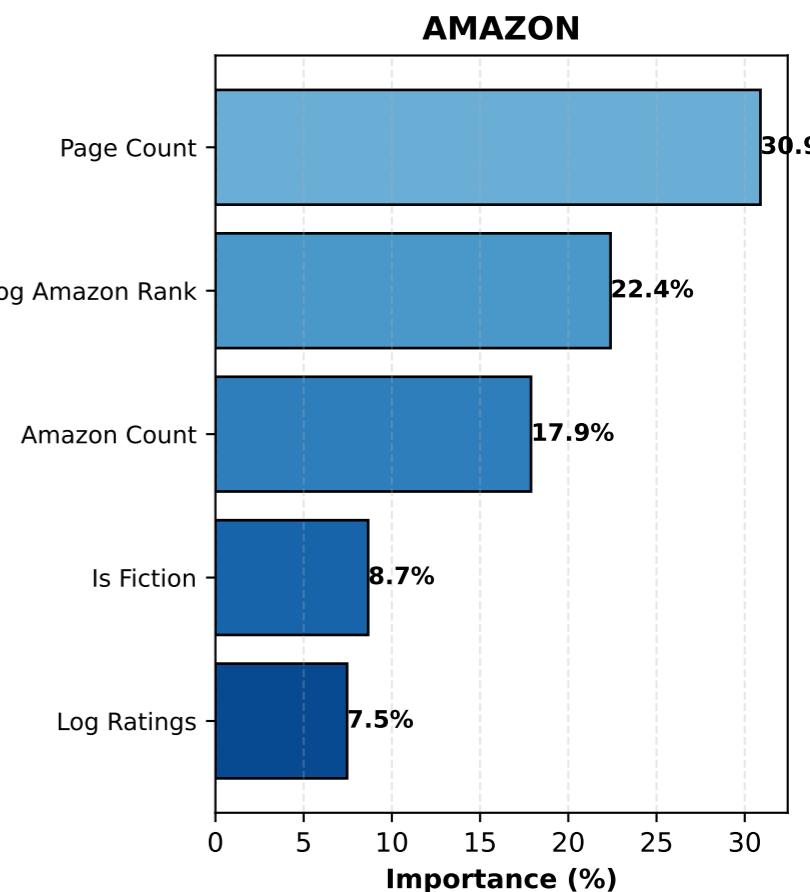
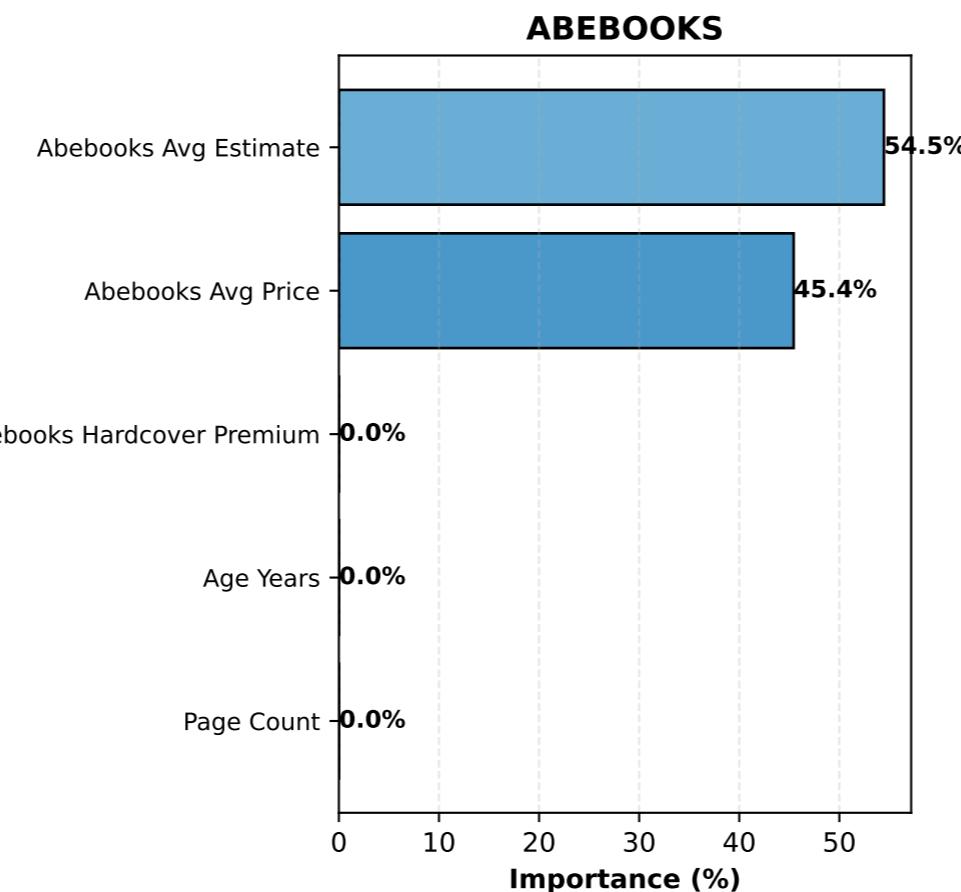
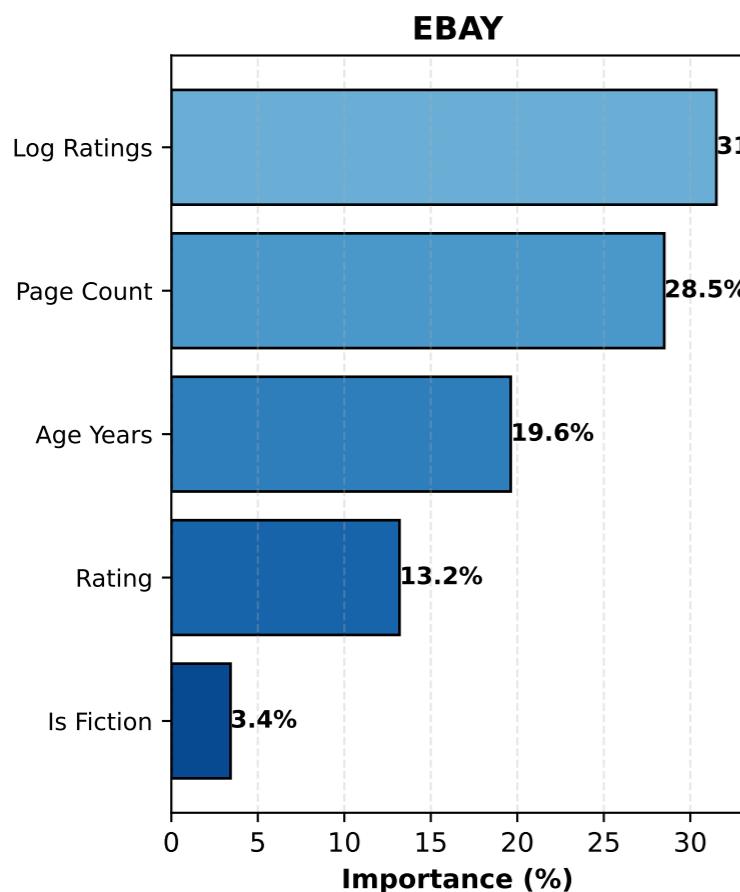
Feature Importance Heatmap: Key Features Across Vendors



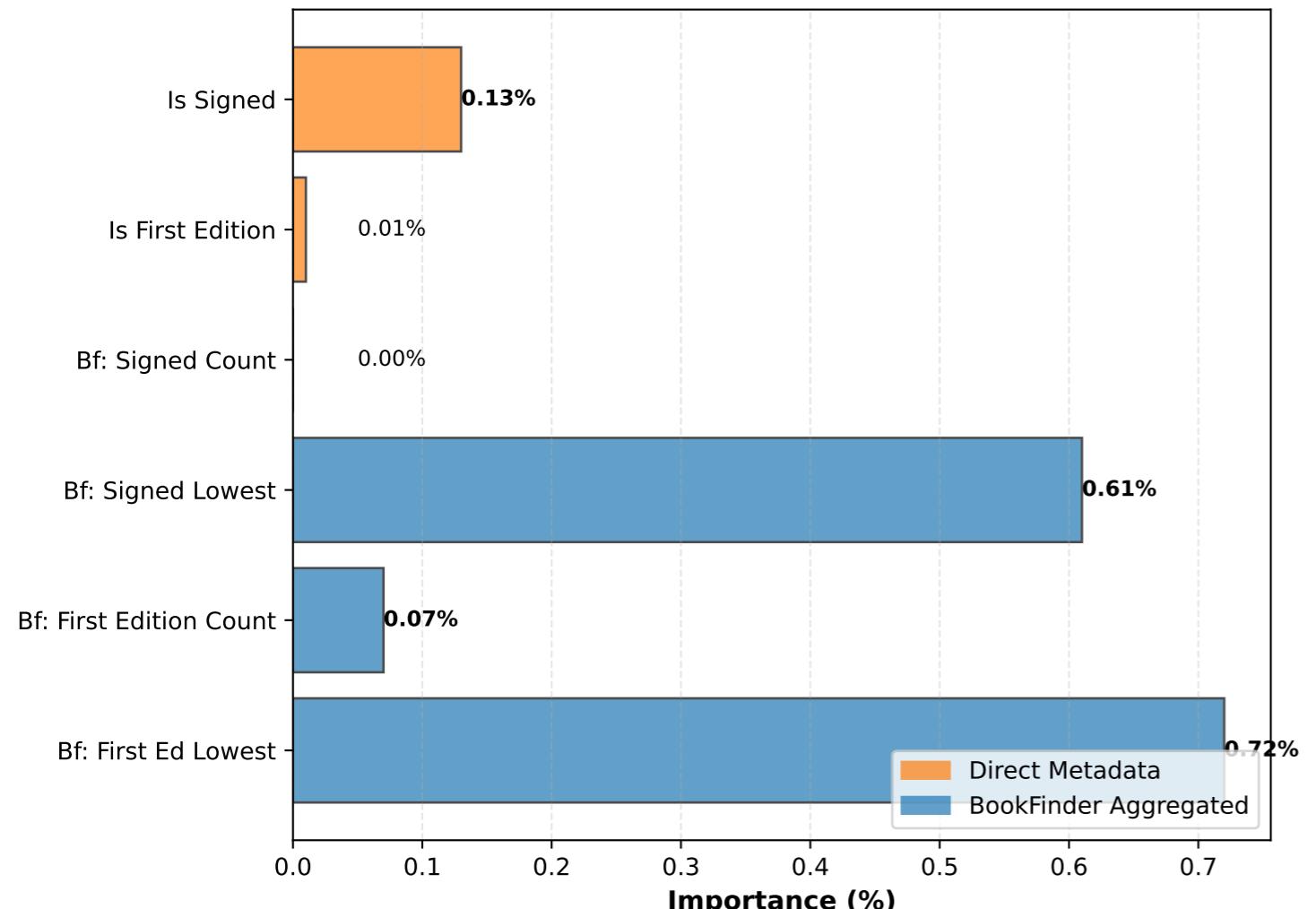
BookFinder Feature Importance by Vendor



Top 5 Features by Vendor



Signed/First Edition Features (Unified Model)



BookFinder First Edition Count (Vendor Models)

