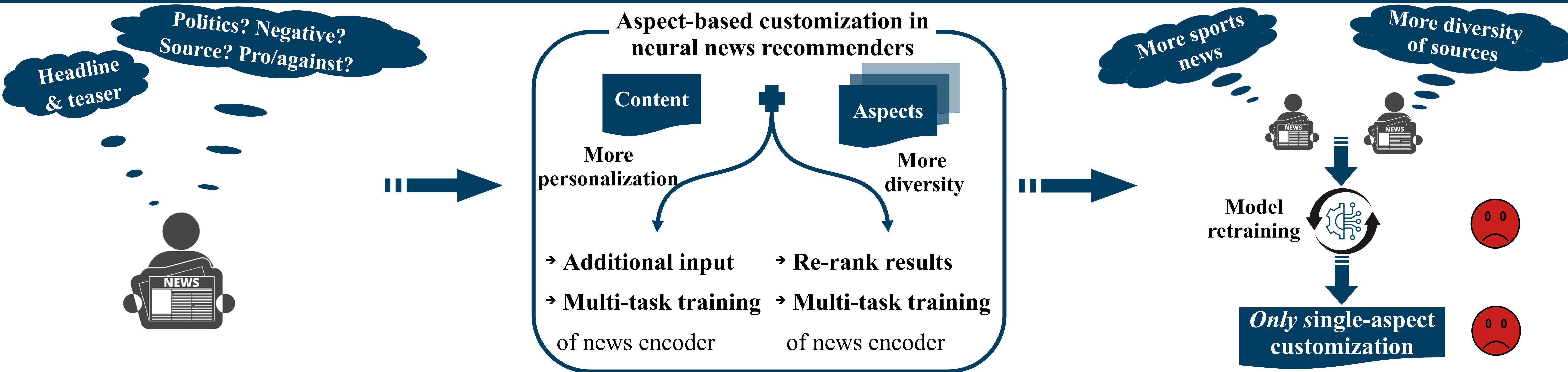
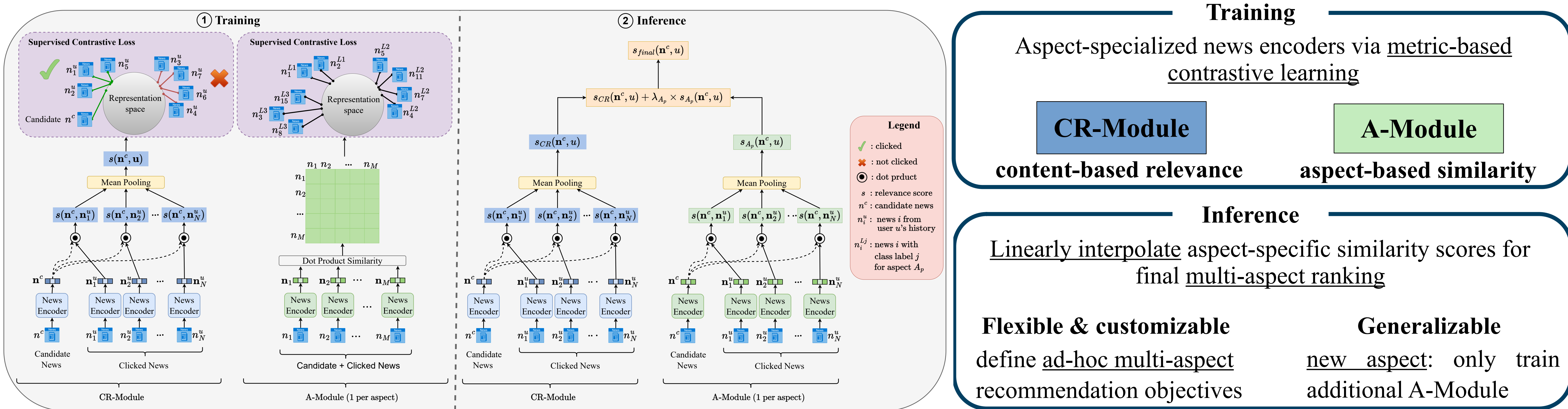


“Hardcoding” Aspectual Requirements in the Model’s Architecture & Training Objectives Hinders Flexibility



MANNeR: Modular Framework for Multi-Aspect News Recommendation

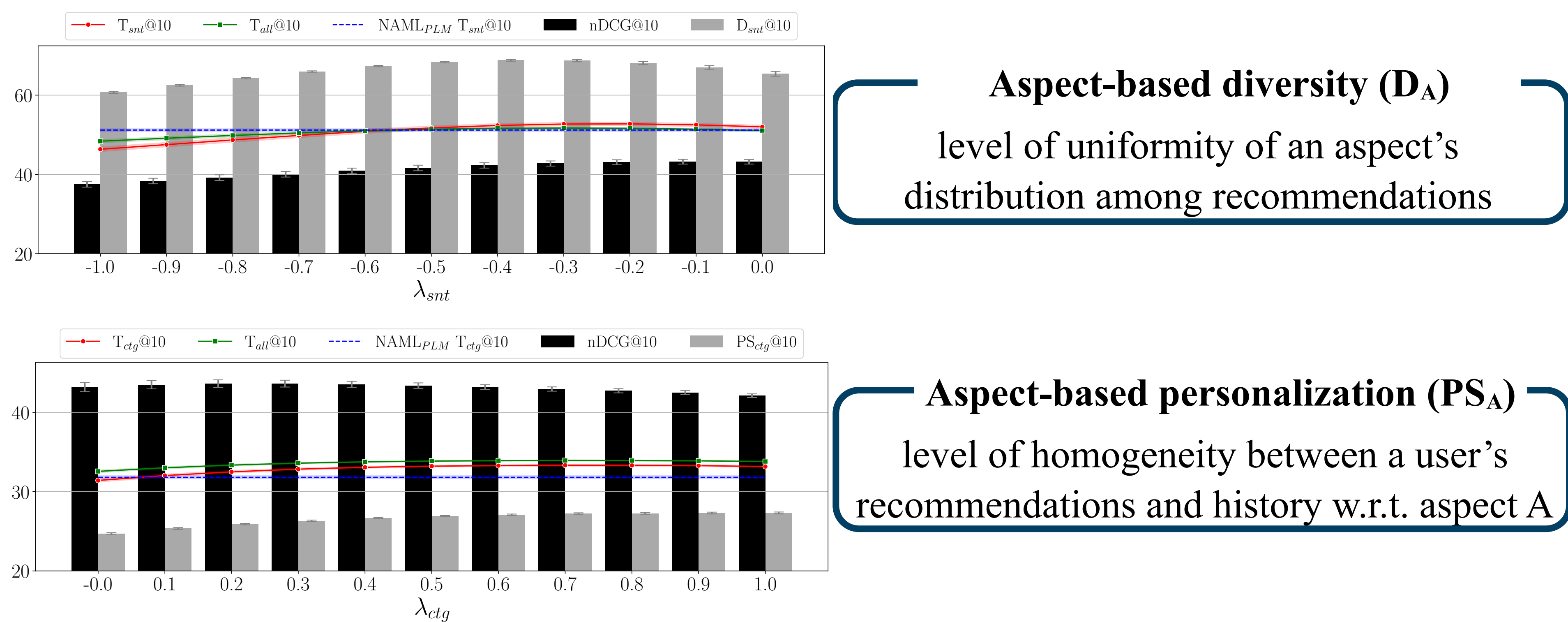


Linearly Composable Module-Specific Outputs Allow Ad-Hoc Recommendation Objectives at Inference

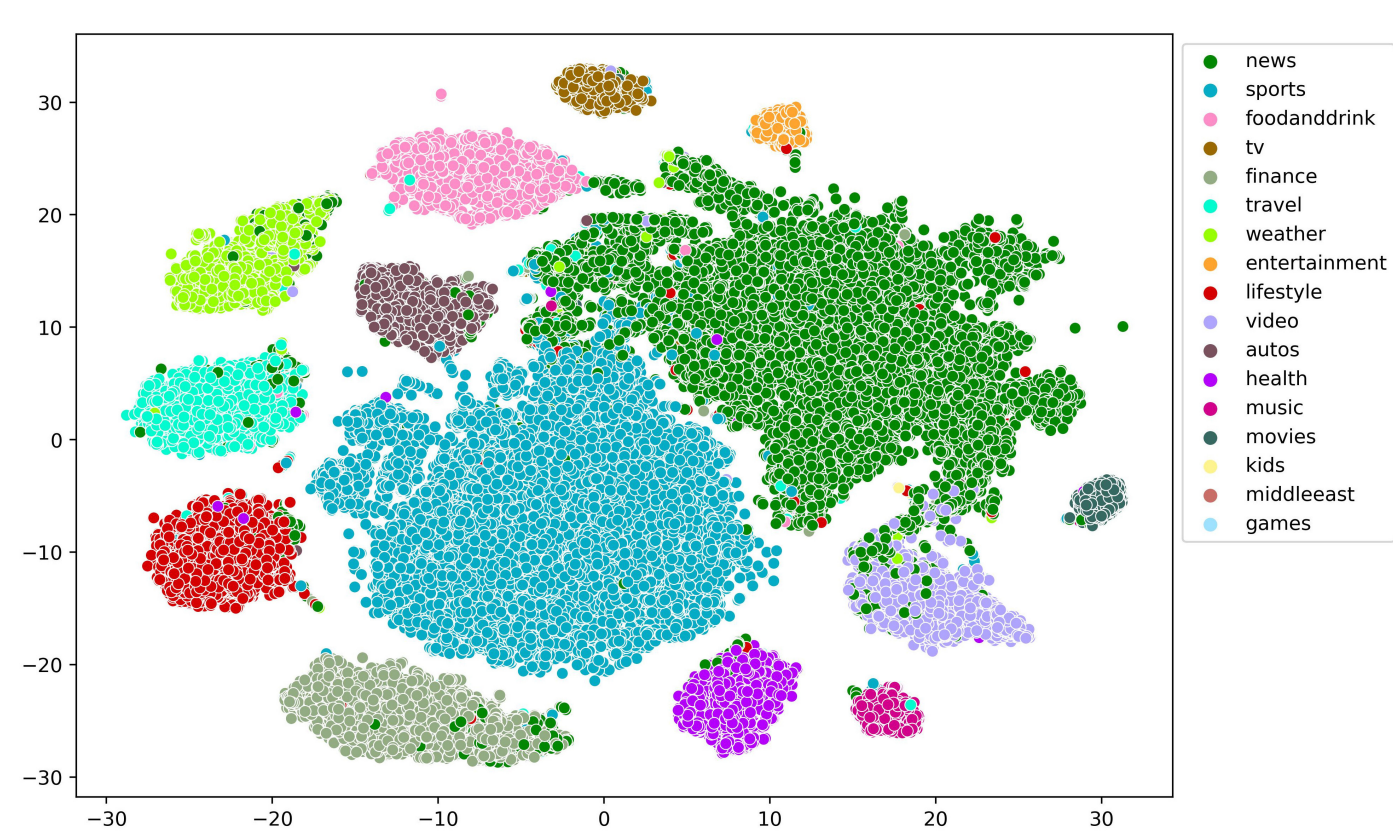
Standard Content-based Personalization



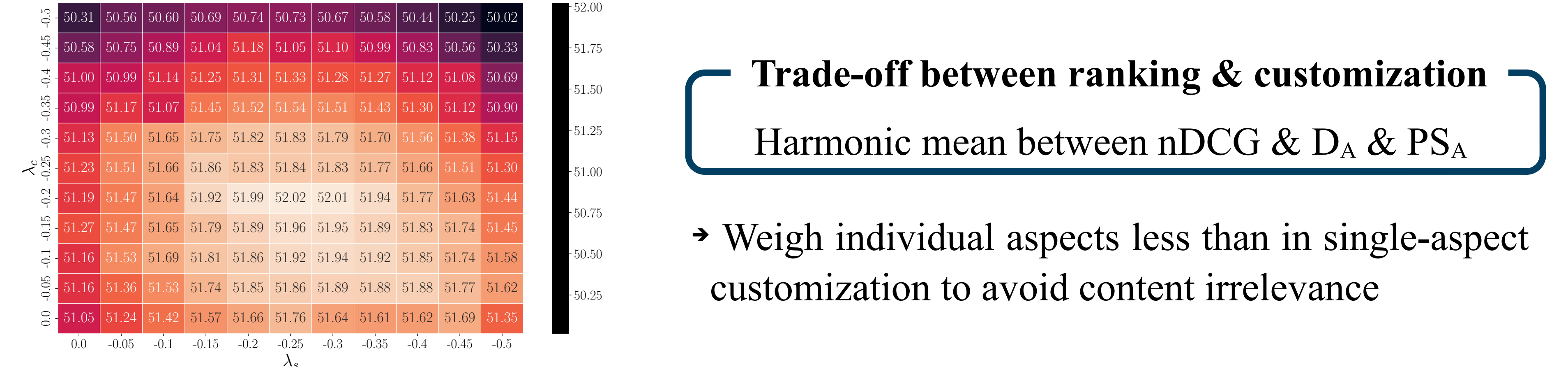
Single-Aspect Customization



A-Modules Reshape Embedding Space



Multi-Aspect Diversification



A-Modules Are Robust to Domain & Language Transfer

