

Supplementary File 1

The full PubMed search string applied was: ("Artificial Intelligence"[Mesh] OR "Machine Learning"[Mesh] OR "Algorithms"[Mesh] OR "Decision Support Systems, Clinical"[Mesh] OR "algorithmic bias"[Title/Abstract] OR "algorithmic fairness"[Title/Abstract] OR "AI bias"[Title/Abstract] OR "machine learning bias"[Title/Abstract] OR "artificial intelligence bias"[Title/Abstract] OR "biased algorithm*"[Title/Abstract] OR "clinical algorithm*"[Title/Abstract] OR "healthcare algorithm*"[Title/Abstract] OR "prediction algorithm*"[Title/Abstract] OR "risk prediction model*"[Title/Abstract] OR "clinical prediction model*"[Title/Abstract] OR "decision support algorithm*"[Title/Abstract]) AND ("Digital Health"[Title/Abstract] OR "digital medicine"[Title/Abstract] OR "Telemedicine"[Mesh] OR "Mobile Applications"[Mesh] OR "mHealth"[Title/Abstract] OR "mobile health"[Title/Abstract] OR "eHealth"[Title/Abstract] OR "telehealth"[Title/Abstract] OR "digital phenotyping"[Title/Abstract] OR "digital biomarker*"[Title/Abstract] OR "smartphone sensing"[Title/Abstract] OR "passive sensing"[Title/Abstract] OR "remote monitoring"[Title/Abstract] OR "wearable device*"[Title/Abstract] OR "patient portal*"[Title/Abstract] OR "health app*"[Title/Abstract]) AND ("Health Equity"[Mesh] OR "Healthcare Disparities"[Mesh] OR "Social Determinants of Health"[Mesh] OR "Socioeconomic Factors"[Mesh] OR "Racism"[Mesh] OR "health inequ*"[Title/Abstract] OR "health disparit*"[Title/Abstract] OR "healthcare disparit*"[Title/Abstract] OR "racial disparit*"[Title/Abstract] OR "ethnic disparit*"[Title/Abstract] OR "socioeconomic disparit*"[Title/Abstract] OR "social determinant*"[Title/Abstract] OR "structural inequ*"[Title/Abstract] OR "structural racism"[Title/Abstract] OR "marginalized population*"[Title/Abstract] OR "underserved population*"[Title/Abstract] OR "vulnerable population*"[Title/Abstract] OR "digital divide"[Title/Abstract] OR "digital inclusion"[Title/Abstract] OR "digital exclusion"[Title/Abstract] OR "digital access"[Title/Abstract] OR "digital literacy"[Title/Abstract]) AND ("2018/01/01"[Date - Publication] : "2026/05/17"[Date - Publication]) AND (english[Language]). Equivalent Boolean topic-search syntax was applied to Web of Science and CINAHL using the same three thematic blocks with database-appropriate field tags.