**SUPPLEMENTAL Table 2.** Systematic review search strategy.

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| **Search Recipe** | **Number of Manuscripts** |
| ‘Artificial intelligence’/exp OR ‘machine learning’/exp OR ‘machine learning’:ti,ab OR (Federated Near/3 (database OR network OR learn\* OR environment)):ti,ab OR (distribut\* Near/3 (learning OR comput\*)):ti,ab | 242,464 |
| (‘multicenter’ OR ‘multi-center’ OR ‘Multi-site\*’ OR ‘multi-institut\*’ OR ‘cross institut\*’ OR decentralize\* OR ‘Privacy preserv\*’ OR ‘Data exchange’ OR ‘mutli-party comput\*’):ti,ab OR ((multi\*) Near/3 (site OR institut\* OR data\*)):ti,ab OR ((sharing) Near/3 (information OR Data OR research)):ti,ab OR ((research Near/3 (Collab\*)):ti,ab) | 327,599 |
| ('electronic health record'/exp OR 'medical informatics'/exp OR 'electronic medical record'/exp) OR (biomedical research OR EMR OR EHR):ti,ab OR ((health or hospital or medical or patient\*) Near/3 record):ti,ab OR ((clinical or research or health or hospital or medical or patient) Near/3 Data):ti,ab OR ((medical OR health OR patient\*) Near/3 information):ti,ab | 729,814 |
| **Distinct Publications** | 2,173 |