Supplementary Material

Search strategies used for literature search on Embase and PubMed.

EMBASE:
(orthopedics OR 'orthopedic surgery' OR traumatology OR 'fracture*' OR 'skeletal fixation*' OR ('trauma*':ab,ti AND 'orthop*':ab,ti)) AND ('machine learning' OR 'artificial intelligence' OR 'artificial intelligence':ab,ti OR 'neural network*':ab,ti OR 'deep learning':ab,ti OR 'machine learning':ab,ti OR 'machine intelligence':ab,ti) AND ('prediction and forecasting' OR 'observer variation' OR 'predict*':ab,ti OR 'score':ab,ti OR 'scores':ab,ti OR 'scoring system':ab,ti OR 'scoring systems':ab,ti OR 'observ*':ab,ti OR 'detect*':ab,ti OR 'evaluat*':ab,ti OR 'analy*':ab,ti OR 'assess*':ab,ti OR 'measure*' OR 'area under the curve':ab,ti OR 'external valid*':ab,ti OR 'externally valid*':ab,ti) AND ([dutch]/lim OR [english]/lim OR [french]/lim OR [portuguese]/lim OR [spanish]/lim) AND [2010-2020]/py

PUBMED:
("Orthopedic Procedures"[Mesh] OR "Orthopedics"[Mesh] OR "Traumatology"[Mesh] OR fracture*[tiab] OR skeletal fixation*[tiab] OR orthoped*[tiab]) AND ("Artificial Intelligence"[Mesh] OR artificial intelligence[tiab] OR neural network*[tiab] OR deep learning[tiab] OR machine learning[tiab] OR machine intelligence[tiab]) AND ("Sensitivity and Specificity"[Mesh] OR predict*[tiab] OR score*[tiab] OR scoring system*[tiab] OR observ*[tiab] OR "Observer Variation"[Mesh] OR detect*[tiab] OR evaluat*[tiab] OR analy*[tiab] OR assess*[tiab] OR measure*[tiab] OR **accura*[tiab] OR valid*[tiab]** OR specificit*[tiab] OR sensitiv* [tiab] OR screening[tiab] OR reference value*[tiab] OR false positive[tiab] OR false negative[tiab] OR roc[tiab] OR likelyhood*[tiab] OR likelihood*[tiab])