Appendix A

The search terms for the three database search engines are as follows:

PubMed:

((((((sitting OR seating OR seated) AND (posture* OR position OR behaviour)) AND (sensor+ OR "inertial measurement unit" OR "IMU" OR wearable OR pressure OR piezoresistive OR accelerometer OR gyroscope) AND (algorithm*[Mesh] OR *supervised OR classif* OR detection OR OR recognition))) NOT Animals))

Web of Science:

TS=((((((((sitting OR seating OR seated) AND (posture* OR position OR behaviour)) AND (sensor+ OR "inertial measurement unit" OR IMU OR wearable OR pressure OR piezoresistive OR accelerometer OR gyroscope) AND ("machine learning" OR "neural network*" OR algorithm* OR *supervised OR classif* OR detection OR identification OR recognition)))))) NOT (Animals))

IEEE Xplore:

((((((sitting OR seating OR seated) AND (posture* OR position OR behaviour)) AND (sensor+ OR "inertial measurement unit" OR IMU OR wearable OR pressure OR piezoresistive OR accelerometer OR gyroscope) AND ("machine learning" OR "neural network*" OR algorithm* OR *supervised OR classif* OR detection OR identification OR recognition OR "artificial intelligence")))) NOT Animals)))