Instructions on Data Acquisition

The Instructions on Data Acquisition define what kind of data is collected and annotated (prepared) for machine learning model development. The requirements for general data acquisition can be defined less specific than the subset of data used for annotations as any additional data can be used for future developments that are not specified yet.

Relevant other documentation:

- SOP Machine Learning Model Development
- Intended Use
- Instructions on data annotation
- Algorithm Validation Report

Acquisition

Use Context

Use context:	<e.g. ai-based="" decision="" in="" radiology="" support=""></e.g.>
Pathology:	<e.g. cancer="" prostate=""></e.g.>
Target	For example: XXX tumor cases with biopsies, XXX benign
numbers:	cases, XXX healthy cases
Other	<for certain="" example:="" from="" images="" manufacturers="" prefer=""></for>
information:	
()	(\dots)

Medical Specifications

Patient population:	<for european="" example:="" male=""></for>
Contents of medical	<applicable biopsy="" clinical="" information,<="" p="" scores,=""></applicable>
reports:	etc.>

Technical Specifications

Manufacturer:	<enter e.g.="" hardware="" manufacturer,="" siemens=""></enter>
Exclusions:	For example: images other than MRI, no medical reports
	included
()	(\dots)

Annotation Data

Inclusion	For example: male patients in Europe with certain diagnoses,
criteria:	(\dots)
Exclusion	For example: tumors caused by metastasis of other cancers,
criteria:	implants e.g. for radiation therapy, $()$

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