Model Card

Task: Image-to-Image translation

---

0. Card Metadata

Creation date: —

Versioning

- **Version number**: —
- **Version changes**: —

---

1. Model Basic Information

Name: —

Creation date: —

Versioning

- **Version number**: —
- **Version changes**: —

Model scope

- **Summary**: —
- **Anatomical site**: —

Clearance

- **Type**: —

Approved by

- **Name(s)**: —
- **Institution(s)**: —
- **Contact email(s)**: —

Observed limitations: —

Type of learning architecture: —

Developed by

- **Name**: —
- **Institution(s)**: —

- **Contact email(s)**: —

Conflict of interest: —

Software licence: —

---

2. Technical specifications

2.1 Model overview

Model pipeline

- **Summary:** —
- **Model inputs:** ['4DCBCT']
- **Model outputs:** ['CT']
- **Pre-processing:** —
- **Post-processing:** —

2.2 Learning architecture(s)

Learning architecture 1

Field	Value
Total number of trainable parameters	—
Number of inputs	—
Input content	—
Input size	—
Number of outputs	—
Output content	—
Output size	—
Loss function	—
Batch size	—
Regularisation	—
Uncertainty quantification techniques	—
Explainability techniques	—

2.3 Hardware & software

No hardware and software details specified.

---

3. Training Data Methodology and Information

Fine tuned form

- **Model name:** —
- **URL/DOI to model card:** —
- **Tuning technique:** —

Training Dataset

General information

- **Total size:** —
- **Number of patients:** —
- **Source:** —
- **Acquisition period:** —
- **Inclusion / exclusion criteria:** —
- **Type of data augmentation:** —
- **Strategy for data augmentation:** —

Technical specifications

4DCBCT (model_inputs)

Field	Value
Image resolution	NA
Patient positioning	neck-toes
Scan(s) manufacturer and model	—
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

CT (model_outputs)

Field	Value
Image resolution	—
Patient positioning	—
Scan(s) manufacturer and model	NA

Field	Value
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

- **Reference standard:** —
- **Reference standard QA:** —

Patient demographics and clinical characteristics

- **Age:** —
- **Sex:** —

Validation strategy: —

Validation data partition: —

Model choice criteria: —

Inference method: —

---

4. Evaluation Data Methodology, Results and Commissioning

1 1

Evaluation date: —

Evaluated by

- **Name(s):** —
- **Institution(s):** —
- **Contact email(s):** —
- **Same as 'Approved by':** No

Evaluation frame: —

Evaluation dataset

General information

- **Total size:** —
- **Number of patients:** —
- **Source:** —
- **Acquisition period:** —
- **Inclusion / Exclusion criteria:** —

- **URL info:** —

Technical specifications

4DCBCT (model_inputs)

Field	Value
Image resolution	NA
Patient positioning	neck-toes
Scan(s) manufacturer and model	—
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

CT (model_outputs)

Field	Value
Image resolution	—
Patient positioning	—
Scan(s) manufacturer and model	NA
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

- **Reference standard:** —
- **Reference standard QA:** —

Patient demographics and clinical characteristics

- **Age:** —
- **Sex:** —

Quantitative evaluation

Qualitative evaluation

Evaluators information: —

Likert scoring

- Method: —
- Results: —

Turing test

- Method: —
- Results: —

Time saving

- Method: —
- Results: —

Other

- Method: —
- Results: —

Explainability: —

Citation details: —

---

5. Other considerations

No other considerations provided.
