

## Changes After Review

Document-wide changes:

- Added the missing citations for FastMRI Prostate, ImageNet, ImageNet1k, ConvNeXt.
- Applied consistent spelling for “pre-train” to “pretrain”.
- Applied consistent spelling for “unlabelled” to “unlabeled”
- Corrected the term “modality” to “MRI sequence” for clarity”
- Added \titlerunning and \authorrunning

Table 1:

- Changed the heading titles from “Image Sequence” to “MRI Seq.”, “Number of Slices” to “Total Slices”.
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- Added the data distribution of each PIRADS class for every data split in both T2W and DWI
- Corrected the DWI Total Slices values for Train, Validation, and Test
- Corrected the missing comma for “1399”

Table 2:

- Added color highlight in light grey color
- Added the evaluation metric used in the caption

Previous Table 3:

- Removed since it’s redundant information

Table 3 (Previously Table 4):

- Added the parameters and GFLOPs information on the table and caption.
- Expounded on the explanation behind time measurement.
- Moved as close as possible to the Results and Discussion section

Table 4 (Previously Table 5):

- Improved the formatting by removing the “+” symbols
- Replaced “No preprocessing” to “Baseline”
- Added more context in the caption
- Moved as close as possible to the Results and Discussion section

Figure 2:

- Replaced with clearer version of the flow chart

Abstract and Introduction:

- Added the term “binary” in csPCa classification to clearly state limitations.

Introduction:

- Expounded on the novel insights offered by the paper
- Added paragraph breaks to improve clarity:
  - Paragraph break 1: The first screening method for prostate cancer screening, ...
  - Paragraph break 2: The second method is a blood test...
  - Paragraph break 3: Transrectal ultrasound (TRUS)-guided prostate biopsy....
  - Paragraph break 4: Pre-biopsy magnetic resonance imaging....
  - Paragraph break 5: “Manual annotation...”

#### Evaluation:

- Added justification on the selected threshold (PIRADS  $\geq 3$ ) for positive and negative classes.

#### Results and Discussion

- Added paragraph breaks to improve clarity:
  - Paragraph break 1: Table 3 shows the wall-clock...
  - Paragraph break 2: In Table 4, we show the effect of...

#### Limitations and Future Work

- Incorporated new experiments suggestions from reviewers for future work.