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Learning-based classification of informative laryngoscopic frames

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Highlights

- A new learning-based method for informative frame selection applied to Narrow-band imaging laryngoscopy is presented
- Intensity-, keypoints- and image spatial content-based features are used to classify frames with support vector machines
- A comprehensive quantitative evaluation is performed
- The method outperforms the state of the art in terms of classification performance and computational cost, with statistical evidence
- The labeled dataset used in the research is released along with this paper

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