Clinical Feature Analysis and Prediction on Recurrence in Cervical Cancer

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Abstract : The paper demonstrates analysis of the cervical cancer based on a probabilistic model. It involves technique for classification and prediction by recognizing typical and diagnostically most important test features relating to cervical cancer. The main contributions of the research include predicting the probability of recurrences in no recurrence (first time detection) cases. The combination of the conventional statistical and machine learning tools is applied for the analysis. Experimental study with real data demonstrates the feasibility and potential of the proposed approach for the said cause.
Keywords : cervical cancer, recurrence, no recurrence, probabilistic, classification, prediction, machine learning