

Extração automática de redes de drenagem: avaliação de classificações por árvores de decisão

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Automatic extraction of drainage networks usually uses a threshold based on the minimum area of contribution criteria. However, these methods rarely present realistic results. This paper proposes selection of a new set of attributes using decision trees to develop a classification methodology for the automatic extraction of drainage networks. Among the methods evaluated, the J48 algorithm showed the best results with overall accuracy greater than 90%.