

Developing a Machine Learning model for the problem of prescribing Traditional Eastern medicine

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Abstract: This topic focuses on developing a machine learning model to support the prescription process of Traditional Chinese Medicine. Due to the necessity of optimizing treatment effectiveness and improving the quality of medical services, the research aims to build a system that accurately predicts the appropriate components in Traditional Chinese Medicine formulas based on specific pathologies. The method is implemented through big data analysis from traditional medical literature sources combined with expert knowledge methods. The expected result is an effective tool for doctors and pharmacists, while also making a significant contribution to the development of decision support systems in the field of Traditional Chinese Medicine.

Keywords: Machine learning, traditional Chinese medicine prescription, big data analysis