

## PLAGIARISM SCAN REPORT

Words 112 Date December 22, 2021

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Bo Wang, Chaowei Li, Jiale Wan "Social Network User Personality Prediction" [3] We gather social data and questionnaires from Weibo users and focus on how to use the user text information to forecast their personality characteristics. We choose the user information using correlation analysis and principal component analysis, and then predict and evaluate the outcomes using the multiple regression model, the grey prediction model, and the multitasking model. It is discovered that the grey prediction model's MAE values outperform the multiple regression model. Multitask model, overall prediction effect between 0.8 and 0.9, overall accuracy of good prediction This demonstrates that grey prediction in user personality prediction demonstrates good generalisation and non-linear ability.