Utility Study of a Video as a Daily Report in Teleworking

Nowadays, most modern corporate activities have been shifted into teleworking which refers to using tele-communication to work from traditional working places, bringing new challenges to the maintenance of employee engagement. To address this issue, we propose using a video as a daily report to strengthen its benefit in teleworking. By analyzing video reports, it is expected to detect changes in employee engagement for its maintenance. In this thesis, we conducted quantitative analysis on speech content and paralinguistic cues extracted from the collected video report data for studying the utility of a video as a daily report in teleworking. Our findings did explore the relationships between video reports and employee engagement.

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