Exploring Factors Affecting Online Learners’Intention to Continue Learning in E-learning: a Meta-Analysis

Abstract—The research on the influencing factors of continuance learning intention has been a hot topic in recent years due to the low completion rates in e-learning. In this study, a metaanalysis method is exploited to analyze the following questions: What are the main factors that affect online learners' continuance learning intention? What are the influential degrees of these factors? What are the different effects of these factors on learners in China Mainland and the outside? The results show that the main 21 factors are extracted and they all have a positive impact on online learners' intention to continue learning, 13 of them have a large degree of positive impact, and the other eight have a moderate positive impact. Among these influencing factors, the factor of “Attainment value” (effect size r = 0.752) has the largest impact on the e-learners’ continuance learning intention, while the factor of "Intrinsic motivation" has a significant difference in the influence between China Mainland and the outside. Finally, some implications are provided to improve the e-learners’ continuance learning intention.