Supplementary Table S1. Contents of reliability analysis of categorizing smartphone dependency scale according to each item

Category	Items	Average variance extracted	Composite reliability	McDonald's Omega
Control failure	**Fail to reduce usage time** **Difficult to control usage time** **Difficulty keeping time properly**	0.773	0.891	0.938
Salience	**Difficulty concentrating on other things** **Continuous thinking of smartphone** **Strong urge to use smartphone**	0.572	0.8	0.854
Problematic outcomes	**Health problems due to use** **Severe family conflict due to use** **Severe social conflict due to use** **Difficulty in work due to use**	0.478	0.776	0.779

Each item followed the type classification of the smartphone dependency scale developed by National Information Society Agency of Korea.