

### **Supplementary File 1: Detailed search string used for database selection**

The search term that used for Identifying Relevant Studies in the Database:

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(TITLE-ABS-KEY ( ( "electronic cigarette*" OR "e-cigarette*" OR vaping OR vape* OR "electronic nicotine delivery system*" OR ends ) AND ( "mental health" OR "mental disorder*" OR "psychiatric disorder*" OR "psychological distress" ) AND ( anxiety OR "anxiety disorder*" OR "generalized anxiety disorder" OR "panic disorder" OR "social anxiety disorder" OR phobia* ) AND ( depression OR "depressive disorder*" OR "major depressive disorder" OR dysthymia ) ) AND PUBYEAR > 2018 AND PUBYEAR < 2025 ) AND ( LIMIT-TO ( DOCTYPE , "ar" ) ) AND ( LIMIT-TO ( LANGUAGE , "English" ) )
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