### Appendix 1 Specific items for students’ attitudes on e-cigarettes

| Dimension | Item |
|-----------|------|
| **Accessibility** | Cigarettes cost less money than e-cigarettes. |
| | Cigarettes are easier to get than e-cigarettes. |
| **Acceptability** | E-cigarettes are more pleasurable than cigarettes. |
| | Vaping increase young people’s appeal. |
| **Safety** | The second-hand smoke of e-cigarettes is more harmful than that of cigarettes. |
| | E-cigarettes are safer than smoking. |
| | E-cigarettes work as a smoking cessation aid. |
| | E-cigarettes are trendier and more prevalent than conventional cigarettes. |
| **Supervision** | Underage vaping should be banned in public places. |
| | For minors, e-cigarettes should be regulated as tightly as cigarettes by the government. |
| | Some e-cigarette products have problems such as oil leakage, poor quality batteries and unsafe ingredients, which are really harmful for youth. |
| | All types of market entities shall not sell e-cigarettes to minors. |
| | Any organization and individual should discourage and stop the sale of e-cigarettes to minors. |
| **Restriction** | E-cigarettes should be banned online. |
| | Advertising online for e-cigarettes should be limited or banned. |
| | There should be a ban on the online sale and marketing of e-cigarettes. |
| | Enterprises or individuals producing and selling e-cigarettes should be urged to shut down e-cigarette Internet sales websites or clients. |
| | E-commerce platforms should be urged to remove e-cigarette products and close e-cigarette stores. |
| | Enterprises or individuals producing and selling e-cigarettes should be urged to withdraw their e-cigarette advertisements posted on the Internet. |

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