**Table S1.** Social-demographic information, knowledge, attitude and practice related questions towards plastic pollution.

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| **A. Social-demographic** | | |
| **Questions** | **Responses** | **References** |
| What is your age range? (According to your last birthday) | 18-30  31-45  46-60  Above 60 |  |
| What is your gender? | Male  Female |  |
| What is your highest education level? | Up to Secondary schooling  Pre-university (college, diploma)  University (Environment- related subjects)  University (Non- Environment related subjects) |  |
| What is your present occupation? | Jobs in Government sectors  Jobs in private sectors  Professional (physicians, lawyers, etc.)  Business  Homemaker  Retired  Student  Unemployed |  |
| What is your nationality? | Malaysian  Non-Malaysian |  |
| **B. Knowledge**  Please provide your opinion on following statements: | | |
| Most plastics are made from fossil fuels (example: natural gas, petroleum, coal, etc.). | Yes\*  No  Maybe | (Azoulay et al. 2019) |
| Plastic affects human health and the environment at every stage of its lifecycle. | Yes\*  No  Maybe | (Afroz et al. 2017;  Azoulay et  al. 2019) |

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| Incineration/ Burning of plastic wastes can release toxic metals, organic substances, acidic  gases, and other toxic substances to the air, water, and soils. | Yes\*  No  Maybe | (Azoulay et al. 2019) |
| Discarded plastic, if digested, will not cause any harmful effect on organisms. | Yes  No\*  Maybe | (Soares et al. 2021b) |
| Some cosmetic products contain plastic in it. | Yes\*  No  Maybe | (Soares et al. 2021b) |
| Plastic will not degrade into plastic fragments. | Yes  No\*  Maybe | (Soares et al. 2021b) |
| A plastic bag will take 10 years to degrade. | Yes  No\*  Maybe | (Chen et al. 2021) |
| Degraded plastic fragments (e.g., microplastics, nano-plastics) can accumulate in the food chain and consume by humans. | Yes\*  No  Maybe | (Soares et al. 2021b) |
| Microplastics can be inhaled through air. | Yes\*  No  Maybe | (Azoulay et al. 2019) |
| Among municipal solid wastes produced in Malaysia, plastic wastes are the second highest in composition. | Yes\*  No  Maybe | (Chen et al. 2021) |
| Malaysia is one of the top ten countries with mismanaged plastic waste in the world. | Yes\*  No  Maybe | (Chen et al. 2021) |
| **C. Attitude** | | |
| Do you think that plastic pollution is one of the biggest environmental problems of our time? | Yes\*  Maybe  No | (Charitou et al. 2021) |
| Do you think the plastic pollution situation in Malaysia is severe? | Yes\*  Maybe  No |  |
| Do you think Malaysian government has sufficient effort in reducing plastic pollution? | Yes  Maybe  No\* |  |
| Do you think the public has the responsibility in reducing plastic pollution in Malaysia? | Yes\*  Maybe  No |  |
| Do you think an increase in public's awareness can help to reduce plastic pollution? | Yes\*  Maybe  No |  |
| Do you think littering or mismanagement of plastic wastes is one of the causes of plastic  pollution? | Yes\*  Maybe  No |  |

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| Do you think that the taxation of single-use plastics in Malaysia could be an appropriate  action toward reduction of plastic uses? | Yes\*  Maybe  No |  |
| Do you think that single-use plastics should be banned completely in Malaysia? | Yes\*  Maybe  No |  |
| Do you think plastic that ends up in landfills or the ocean can harm human health and the  environment? | Yes\*  Maybe  No |  |
| Do you think you can stop using the single-use plastics in your daily life? | Yes\*  Maybe  No |  |
| Are you willing to use eco-friendly bags instead of plastic bags? | Yes\*  No  Maybe |  |
| **D. Practices** | | |
| Do you separate plastic waste from other household wastes? | Yes\*  Sometimes  No |  |
| Do you recycle your plastic waste at home? | Yes\*  Sometimes  No |  |
| Do you use reusable bag(s) during groceries shopping? | Yes\*  Sometimes  No |  |
| Do you bring and use reusable container(s) to takeaway food or drinks? | Yes\*  Sometimes  No |  |
| Do you frequently purchase plastic-made product(s) or plastic-packaged product(s)? | Yes  Sometimes  No\* |  |
| Do you participate in plastic pollution related awareness creation campaigns? | Yes\*  Sometimes  No |  |

Note: \* indicates correct answer