Table S2. Comparison of baseline characteristics between the vaccine-accept group and vaccine-refuse group.

|  |  |  |  |
| --- | --- | --- | --- |
| Items | The willingness to get vaccinated | Chi-square | *p*- value\* |
| Yes | No |
| Identity  |  |  |  |  |
|  | Family caregiver | 143 | 36 | 6.140 | 0.293 |
|  | Patient | 178 | 51 |
| Sex  | 　 | 　 |
| 　 | Male  | 127 | 23 | 5.074 | 0.025 |
| 　 | Female  | 194 | 64 |
| Age group | 　 | 　 |
| 　 | 18-44 | 205 | 66 | 6.990 | 0.030 |
| 　 | 45-59 | 97 | 14 |
| 　 | 60 and above  | 19 | 7 |
| Marriage status |  |  |
|  | Married  | 179 | 49 | 0.009 | 0.996 |
|  | Unmarried  | 127 | 34 |
|  | Others (divorced, widowed) | 15 | 4 |
| Highest level of education  |  |  |
|  | Primary school and below  | 6 | 1 | 3.162 | 0.206 |
|  | Middle or high school  | 131 | 27 |
|  | Bachelor and above  | 184 | 59 |
| Working status |  |  |
|  | Full-time employed | 164 | 48 | 4.042 | 0.400 |
|  | Part-time employed | 40 | 15 |
|  | Students  | 56 | 9 |
|  | Retired  | 38 | 8 |
|  | Unemployed  | 23 | 7 |
| Region |  |  |
|  | Urban  | 258 | 74 | 0.991 | 0.355 |
|  | Rural  | 63 | 13 |
| Living status |  |  |
|  | Independent or with partners  | 88 | 21 | 5.044 | 0.169 |
|  | With parents  | 94 | 31 |
|  | With children  | 103 | 20 |
|  | With parents and children | 36 | 15 |
| Annual personal income  |  |  |
|  | Less or equal to 60,000 (￥)  | 85 | 24 | 0.043 | 0.891 |
|  | Over 60,000 (￥)  | 236 | 63 |
| Health status  |  |  |
|  | Good  | 139 | 42 | 1.115 | 0.573 |
|  | Fair  | 164 | 39 |
|  | Poor  | 18 | 6 |
| Perceived risk of infection  | 　 | 　 |
| 　 | High or very high  | 45 | 8 | 7.472 | 0.024 |
| 　 | Fair  | 144 | 29 |
| 　 | Low or very low | 132 | 50 |
| Pandemic impact on daily life or work  |  |  |
|  | Large or very large | 113 | 24 | 3.238 | 0.198 |
|  | Fair  | 142 | 38 |
|  | Small or very small | 66 | 25 |
| Pandemic impact on income  |  |  |
|  | Large or very large  | 73 | 14 | 2.196 | 0.334 |
|  | Fair  | 129 | 35 |
|  | Small or very small | 119 | 38 |
| Received Flu vaccination in past seasons |  |  |
|  | Yes  | 75 | 13 | 2.870 | 0.106 |
|  | No  | 246 | 74 |
| Do you know anyone who might have been vaccinated against COVID-19? |  |  |
|  | Yes  | 281 | 73 | 0.786 | 0.376 |
|  | No  | 40 | 14 |
| How do you perceived your risk of getting COVID-19 infected? |  |  |
|  | Totally clear | 38 | 9 | 3.893 | 0.143 |
|  | Roughly clear  | 186 | 42 |
|  | Not clear at all  | 97 | 36 |
| Will you encourage others to get vaccinated?  | 　 | 　 |
| 　 | Yes  | 256 | 7 | 153.623 | 0 |
| 　 | No  | 65 | 80 |
| You are more likely to have vaccines if there is high vaccine coverage amongst community residents or relatives and friends. | 　 | 　 |
| 　 | Yes  | 306 | 54 | 72.935 | 0 |
| 　 | No  | 15 | 33 |
| You are more likely to have vaccines if the pandemic returns. | 　 | 　 |
|  | Yes  | 312 | 52 | 99.651 | 0 |
| 　 | No  | 9 | 35 |
| You are more likely to have vaccines in order to protect children or the elderly in your family. | 　 | 　 |
|  | Yes  | 308 | 59 | 59.938 | 0 |
| 　 | No  | 13 | 28 |
| You are less likely to have vaccines if negative news reported against COVID-19 vaccines. | 　 | 　 |
|  | Yes  | 193 | 67 | 8.444 | 0.004 |
| 　 | No  | 128 | 20 |
| Do you think the COVID-19 vaccine is crucial to control the pandemic? | 　 | 　 |
| 　 | Yes  | 283 | 42 | 67.210 | 0 |
| 　 | No  | 4 | 5 |
| 　 | Not sure  | 34 | 40 |

\*: *p-*values <0.05