

Supplementary Table 1 Experience and attitudes towards online education

| Variables | No | Less | Average | Good | Excellent |
|------------------|------------|------------|------------|----------|-----------|
| Effective | 95(10.76) | 442(50.06) | 278(31.48) | 53(6.00) | 15(1.70) |
| Efficient | 158(17.89) | 388(43.94) | 271(30.69) | 49(5.55) | 17(1.92) |
| Satisfied | 210(23.78) | 362(41.00) | 244(27.63) | 48(5.44) | 19(2.15) |

Supplementary Table 2 Correlation analysis

| | | Sex | Class | Ethnic | Residence | Number of Children | Father education | Mother education | Father Profession | Mother Profession | Monthly Income | Live with who |
|--------------|-----------------|-------|--------------------|--------|--------------------|--------------------|--------------------|------------------|---------------------|---------------------|---------------------|--------------------|
| Effective | Pear Correlat | -.039 | -.061 | -.036 | .081 ⁺ | .058 | .024 | .025 | -.019 | .007 | -.004 | .073 ⁺ |
| | Sig. (2-tailed) | .250 | .070 | .288 | .016 | .085 | .481 | .455 | .564 | .844 | .912 | .030 |
| Efficient | Pear Correlat | -.052 | -.039 | -.025 | .074 ⁺ | .013 | .021 | .022 | -.032 | -.015 | .014 | .098 ^{**} |
| | Sig. (2-tailed) | .122 | .250 | .451 | .027 | .704 | .536 | .516 | .344 | .646 | .667 | .004 |
| Satisfaction | Pear Correlat | -.027 | -.075 ⁺ | -.041 | .056 | .047 | -.005 | .009 | -.044 | -.025 | .007 | .060 |
| | Sig. (2-tailed) | .427 | .025 | .226 | .098 | .161 | .874 | .779 | .194 | .452 | .833 | .072 |
| Intrusion | Pear Correlat | .005 | .036 | .053 | .118 ^{**} | .053 | -.083 ⁺ | -.064 | -.138 ^{**} | -.097 ^{**} | -.121 ^{**} | -.045 |
| | Sig. (2-tailed) | .879 | .286 | .116 | .000 | .116 | .014 | .057 | .000 | .004 | .000 | .181 |
| Avoidance | Pear Correlat | .008 | .015 | .020 | .131 ^{**} | .030 | -.028 | .004 | -.094 ^{**} | -.049 | -.089 ^{**} | -.015 |
| | Sig. (2-tailed) | .818 | .651 | .547 | .000 | .365 | .401 | .907 | .005 | .149 | .008 | .662 |
| Hyperarousal | Pear Correlat | .054 | .072 ⁺ | .047 | .089 ^{**} | .024 | -.070 ⁺ | -.062 | -.092 ^{**} | -.056 | -.068 ⁺ | -.036 |
| | Sig. (2-tailed) | .109 | .033 | .164 | .008 | .479 | .037 | .066 | .006 | .096 | .042 | .284 |
| IES-R Total | Pear Correlat | .023 | .044 | .045 | .132 ^{**} | .042 | -.068 ⁺ | -.044 | -.125 ^{**} | -.078 ⁺ | -.108 ^{**} | -.036 |
| | Sig. (2-tailed) | .495 | .189 | .181 | .000 | .214 | .043 | .191 | .000 | .021 | .001 | .285 |

Supplementary Table 3 Regression analysis

| | P value | OD (95% C.I.) |
|-----------------------|--------------|------------------|
| Residence | 0.027 | |
| Urban | | 1 |
| Rural | | 1.63(1.058-2.52) |
| Monthly income | 0.310 | |
| <3000RMB | | 1 |
| 3001-5000RMB | | 1.22(0.83-1.80) |

| | | |
|-------------------------------|-------|-----------------|
| 5001-10,000RMB | | 0.92(0.58-1.45) |
| 10,000RMB | | 0.79(0.39-1.64) |
| Mother profession | 0.721 | |
| Farmer | | |
| Teach, Doctor & Civil servant | | 0.59(0.23-1.56) |
| Private company employees | | 0.84(0.37-1.91) |
| Self-business | | 0.71(0.28-1.81) |
| Others | | 0.68(0.31-1.46) |
| Not filled | | 1.34(0.31-5.85) |
| Father profession | 0.553 | |
| Farmer | | |
| Teach, Doctor & Civil servant | | 0.94(0.35-2.50) |
| Private company employees | | 0.88(0.39-1.99) |
| Self-business | | 1.14(0.42-3.10) |
| Others | | 0.84(0.40-1.77) |
| Not filled | | 0.16(0.02-1.23) |

Supplementary Table 4 Response related to the effects, knowledge and preparedness for COVID-19 by the final year students

| | Numbers | Percentage |
|---|---------|------------|
| The COVID-19 outbreak has negatively affected your preparation for the college entrance examination? | 262 | 74.2 |
| The COVID-19 outbreak has increased your psychological pressure for the college entrance examination? | 240 | 68.0 |
| Has online learning helped you for preparing the college entrance examination? | 193 | 54.7 |
| Do you think school reopening will help you preparation for the college entrance examination? | 345 | 97.7 |
| Do you prefer postponing the college entrance examination? | 292 | 82.7 |
| The postponement of college entrance examination is beneficial for your preparation? | 319 | 90.4 |

| | | |
|---|-----|------|
| Do you worry about getting COVID-19 during the college entrance examination? | 218 | 61.8 |
| Has COVID-19 affected your choice of university? | 188 | 53.3 |
| Has COVID-19 affected your choice for the location of the university? | 195 | 55.2 |
| Has COVID-19 affected your choice for the major to study in the university? | 143 | 40.5 |
| How will you reduce the risk of getting COVID-19 during the college entrance examination? | | |
| Strict personal hygiene | 147 | 41.6 |
| Wear a mask on the way to the exam and to home | 63 | 17.8 |
| Wear a mask during exam | 69 | 19.5 |
| Avoid eating in the cafeteria | 4 | 1.1 |
| Reduce exchanges and activities between classmates | 14 | 4.0 |
| Avoid or reduce the use of public transportation | 13 | 3.7 |
| Avoid or reduce access to public places | 40 | 11.3 |
| Do not know | 2 | 0.6 |
| No action required | 0 | 0 |
| What do you do if you feel the symptoms of COVID-19 during the college entrance examination? | | |
| Confidential | 1 | 0.3 |
| Take medicine by self | 0 | 0 |
| Visit doctor by self | 24 | 6.8 |
| Notify the proctor | 179 | 50.7 |
| Notify teachers | 47 | 13.3 |
| Notify parents | 36 | 10.2 |
| Notify class fellow | 1 | 0.3 |
| Self-isolation | 43 | 12.2 |
| Give up college entrance examination | 0 | 0 |
| Never give up college entrance examination | 6 | 1.7 |
| Do not know | 6 | 1.7 |
| Others | 10 | 2.8 |