**Supplementary information**

Table S1: Associations between education of the participants and COVID-19 vaccine awareness.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Variables |  | Below Bachelor degree (n = 230) | Bachelor degree (n = 335) | Master's degree or above(n = 238) |  | Below Bachelor degree | Bachelor degree |
| COR(95th CI) | p | AOR@(95th CI) | p | COR(95th CI) | p | AOR@(95th CI) | p |
| Do you think Corona Virus lost his effectiveness? | No  | 140(60.87) | 157(46.87) | 133(55.88) | 17.051(0.002) | 1.86(0.98-3.52) | 0.058 | 1.76(0.88-3.5) | 0.112 | 1.18(0.68-2.06) | 0.559 | 1.19(0.64-2.2) | 0.577 |
| Yes  | 17(7.39) | 30(8.96) | 30(12.61) | Reference |  |  |  |  |  |  |  |
| Don't Know  | 73(31.74) | 148(44.18) | 75(31.51) | 1.72(0.87-3.38) | 0.117 | 1.58(0.76-3.28) | 0.22 | 1.97(1.11-3.51) | 0.021 | 1.82(0.97-3.42) | 0.064 |
| At present time, do you regularly use protective tools (like mask, gloves, sanitizer etc.)? | No  | 15(6.52) | 11(3.28) | 16(6.72) | 22.968(0.000) | 1.06(0.5-2.26) | 0.881 | 0.95(0.39-2.33) | 0.918 | 0.37(0.16-0.82) | 0.014 | 0.41(0.16-1.05) | 0.063 |
| Not regular basis  | 123(53.48) | 129(38.51) | 118(49.58) | 1.18(0.81-1.72) | 0.394 | 0.82(0.54-1.26) | 0.37 | 0.58(0.41-0.82) | 0.002 | 0.46(0.31-0.69) | 0.000 |
| Regularly  | 92(40.00) | 195(58.21) | 104(43.70) | Reference |  |  |  |  |  |  |  |
| Do you know Government of India started the Vaccination program for COVID-19? | No  | 34(14.78) | 7(2.09) | 18(7.56) | 33.369(0.000) | 2.12(1.16-3.87) | 0.015 | 1.65(0.84-3.22) | 0.143 | 0.26(0.11-0.63) | 0.003 | 0.21(0.08-0.53) | 0.001 |
| Yes  | 196(85.22) | 328(97.91) | 220(92.44) | Reference |  |  |  |  |  |  |  |
| Do you have any idea about COVID-19 Vaccine? | No  | 167(72.61) | 170(50.75) | 107(44.96) | 42.261(0.000) | 3.24(2.21-4.77) | 0.000 | 4.35(2.79-6.77) | 0.000 | 1.26(0.9-1.76) | 0.172 | 1.8(1.22-2.66) | 0.003 |
| Yes  | 63(27.39) | 165(49.25) | 131(55.04) | Reference |  |  |  |  |  |  |  |
| Did you already taken COVID-19 Vaccine? | No  | 224(97.39) | 320(95.52) | 219(92.02) | 7.334(0.026) | 3.24(1.27-8.26) | 0.014 | 1.13(0.4-3.23) | 0.815 | 1.85(0.92-3.72) | 0.084 | 0.88(0.37-2.06) | 0.768 |
| Yes  | 6(2.61) | 15(4.48) | 19(7.98) | Reference |  |  |  |  |  |  |  |
| Do you think this vaccine able to deliver fruitful results? | Don't know  | 81(35.22) | 97(28.96) | 68(28.57) | 20.946(0.002) | 1.54(0.94-2.53) | 0.089 | 1.9(1.09-3.29) | 0.023 | 1.55(0.96-2.49) | 0.07 | 1.94(1.15-3.3) | 0.014 |
| May be  | 96(41.74) | 176(52.54) | 95(39.92) | 1.3(0.81-2.09) | 0.268 | 1.46(0.87-2.45) | 0.153 | 2.01(1.3-3.12) | 0.002 | 2.4(1.48-3.89) | 0.000 |
| No  | 5(2.17) | 5(1.49) | 13(5.46) | 0.5(0.17-1.49) | 0.212 | 0.88(0.27-2.88) | 0.827 | 0.42(0.14-1.25) | 0.118 | 0.84(0.25-2.78) | 0.774 |
| Yes  | 48(20.87) | 75(22.39) | 62(26.05) | Reference |  |  |  |  |  |  |  |
| Did you recommended or suggested your family members for vaccination? | No  | 25(10.87) | 75(22.39) | 45(18.91) | 13.22(0.001) | 0.52(0.31-0.89) | 0.016 | 0.5(0.28-0.87) | 0.015 | 1.24(0.82-1.87) | 0.313 | 1.09(0.68-1.74) | 0.716 |
| Yes  | 205(89.13) | 260(77.61) | 193(81.09) | Reference |  |  |  |  |  |  |  |
| If you want to take Vaccine for COVID-19, which vaccine of the following do you prefer? | Covaxin (Bharat Biotech, India)  | 149(64.78) | 195(58.21) | 141(59.24) | 13.295(0.039) | Reference |  |  |  |  |  |  |  |
| Covishield (Oxford University; United kingdom)  | 51(22.17) | 100(29.85) | 65(27.31) | 0.74(0.48-1.14) | 0.178 | 0.97(0.6-1.57) | 0.918 | 1.13(0.77-1.65) | 0.53 | 1.29(0.84-1.99) | 0.245 |
| Pfizer / Sputnik V / CoronaVac  | 15 (6.52) | 8 (2.39) | 13 (5.46) | 1.09(0.5-2.38) | 0.825 | 1.07(0.45-2.57) | 0.872 | 0.45(0.18-1.12) | 0.086 | 0.4(0.15-1.06) | 0.066 |
| None of them  | 15(6.52) | 35(10.45) | 19(7.98) | 0.75(0.36-1.53) | 0.424 | 0.61(0.28-1.30) | 0.199 | 1.35(0.74-2.46) | 0.323 | 0.97(0.5-1.88) | 0.922 |
| Do you believe COVID-19 vaccine contains unsafe toxin? | Don't know  | 153(66.52) | 187(55.82) | 104(43.70) | 31.768(0.000) | 2.19(1.46-3.3) | 0.000 | 2.4(1.53-3.77) | 0.000 | 1.6(1.11-2.32) | 0.012 | 1.81(1.19-2.74) | 0.005 |
| May be  | 15(6.52) | 36(10.75) | 32(13.45) | 0.7(0.35-1.4) | 0.312 | 0.67(0.32-1.42) | 0.3 | 1.004(0.58-1.75) | 0.99 | 0.96(0.52-1.79) | 0.91 |
| No  | 61(26.52) | 102(30.45) | 91(38.24) | Reference |  |  |  |  |  |  |  |
| Yes  | 1(0.43) | 10(2.99) | 11(4.62) | 0.14(0.02-1.08) | 0.059 | 0.17(0.02-1.48) | 0.11 | 0.81(0.33-1.99) | 0.649 | 0.85(0.3-2.39) | 0.766 |
| Do you think Vaccination causes any type of illness or disease? | Don't know  | 136(59.13) | 138(41.19) | 88(36.97) | 33.435(0.000) | 2.21(1.29-3.79) | 0.004 | 2.41(1.33-4.38) | 0.004 | 1.61(0.97-2.65) | 0.065 | 1.88(1.08-3.3) | 0.027 |
| May be  | 59(25.65) | 132(39.4) | 94(39.50) | 0.9(0.51-1.59) | 0.715 | 0.84(0.45-1.56) | 0.577 | 1.44(0.87-2.37) | 0.155 | 1.35(0.78-2.34) | 0.29 |
| No  | 30(13.04) | 42(12.54) | 43(18.07) | Reference |  |  |  |  |  |  |  |
| Yes  | 5(2.17) | 23(6.87) | 13(5.46) | 0.55(0.18-1.71) | 0.302 | 0.68(0.2-2.25) | 0.527 | 1.81(0.81-4.04) | 0.147 | 2.1(0.85-5.18) | 0.106 |
| Do you know someone who was vaccinated but got the disease or any type of illness? | No  | 218(94.78) | 281(83.88) | 208(87.39) | 17.392(0.000) | Reference |  |  |  |  |  |  |  |
| Yes  | 12(5.22) | 54(16.12) | 30(12.61) | 0.38(0.19-0.76) | 0.007 | 0.39(0.19-0.81) | 0.011 | 1.33(0.82-2.15) | 0.242 | 1.33(0.77-2.3) | 0.303 |
| Do you think Corona vaccines contains a live version of the Corona virus? | Don't know  | 182(79.13) | 234(69.85) | 135(56.72) | 32.116(0.000) | 2.48(1.62-3.81) | 0.000 | 2.95(1.82-4.76) | 0.000 | 1.69(1.17-2.45) | 0.006 | 2.07(1.35-3.15) | 0.001 |
| No  | 44(19.13) | 83(24.78) | 81(34.03) | Reference |  |  |  |  |  |  |  |
| Yes  | 4(1.74) | 18(5.37) | 22(9.24) | 0.33(0.11-1.03) | 0.057 | 0.34(0.1-1.1) | 0.073 | 0.8(0.4-1.6) | 0.525 | 0.75(0.35-1.61) | 0.456 |
| Do you think, you can ditch your mask, forget social distancing after you get vaccinated with Corona vaccines? | After get the Vaccine, no longer needed this  | 39(16.96) | 14(4.18) | 14(5.88) | 30.605(0.000) | 3.36(1.76-6.38) | 0.000 | 3.54(1.72-7.29) | 0.001 | 0.72(0.34-1.54) | 0.395 | 0.71(0.31-1.62) | 0.415 |
| I don't want to take Corona Virus Vaccine  | 15(6.52) | 26(7.76) | 12(5.04) | 1.51(0.69-3.3) | 0.307 | 1.3(0.56-3) | 0.544 | 1.56(0.77-3.16) | 0.219 | 1.36(0.62-2.96) | 0.445 |
| Needed to maintain protective measures  | 176(76.52) | 295(88.06) | 212(89.08) | Reference |  |  |  |  |  |  |  |
| Do you think, natural immunity is better than vaccine-acquired immunity? | Don't know  | 87(37.83) | 85(25.37) | 47(19.75) | 25.151(0.000) | 2.83(1.8-4.46) | 0.000 | 3.44(2.03-5.83) | 0.000 | 1.56(1.01-2.41) | 0.042 | 2.29(1.38-3.81) | 0.001 |
| May be  | 42(18.26) | 76(22.69) | 41(17.23) | 1.57(0.94-2.63) | 0.087 | 1.43(0.82-2.5) | 0.21 | 1.6(1.02-2.51) | 0.041 | 1.48(0.9-2.43) | 0.122 |
| No  | 22(9.57) | 34(10.15) | 29(12.18) | 1.16(0.62-2.16) | 0.637 | 1.15(0.58-2.29) | 0.678 | 1.01(0.58-1.76) | 0.963 | 0.98(0.53-1.81) | 0.953 |
| Yes  | 79(34.35) | 140(41.79) | 121(50.84) | Reference |  |  |  |  |  |  |  |
| Do you think once you receive the corona virus vaccine, you're immune for life? | Don't know  | 115(50.00) | 147(43.88) | 67(28.15) | 37.393(0.000) | 4.29(1.59-11.6) | 0.004 | 4.19(1.43-12.3) | 0.009 | 2.53(1.14-5.62) | 0.022 | 2.63(1.08-6.4) | 0.033 |
| May be  | 41(17.83) | 62(18.51) | 34(14.29) | 3.01(1.05-8.62) | 0.039 | 2.71(0.87-8.45) | 0.085 | 2.1(0.9-4.93) | 0.087 | 1.75(0.69-4.48) | 0.241 |
| No  | 68(29.57) | 113(33.73) | 122(51.26) | 1.39(0.52-3.76) | 0.512 | 1.25(0.43-3.65) | 0.679 | 1.07(0.49-2.34) | 0.868 | 0.96(0.4-2.28) | 0.923 |
| Yes  | 6(2.61) | 13(3.88) | 15(6.30) | Reference |  |  |  |  |  |  |  |
| Do you think Vaccine only useful for older people? | Don't know  | 126(54.78) | 166(49.55) | 91(38.24) | 36.949(0.000) | 0.72(0.35-1.48) | 0.373 | 1.14(0.51-2.54) | 0.756 | 2.96(1.18-7.42) | 0.02 | 5.56(2.07-14.9) | 0.001 |
| No  | 79(34.35) | 161(48.06) | 134(56.30) | 0.31(0.15-0.63) | 0.001 | 0.39(0.17-0.85) | 0.019 | 1.95(0.79-4.85) | 0.150 | 2.74(1.04-7.24) | 0.042 |
| Yes  | 25(10.87) | 8(2.39) | 13(5.46) | Reference |  |  |  |  |  |  |  |
| Do you think Vaccination may produce side effect in children? | Don't know  | 191(83.04) | 257(76.72) | 159(66.81) | 17.549(0.002) | 2.32(1.2-4.48) | 0.012 | 2.52(1.24-5.12) | 0.011 | 1.42(0.83-2.43) | 0.2 | 1.61(0.88-2.94) | 0.12 |
| No  | 24(10.43) | 45(13.43) | 50(21.01) | 0.93(0.42-2.05) | 0.853 | 0.79(0.34-1.84) | 0.584 | 0.79(0.42-1.5) | 0.473 | 0.68(0.33-1.39) | 0.29 |
| Yes  | 15(6.52) | 33(9.85) | 29(12.18) | Reference |  |  |  |  |  |  |  |

@after adjusting the effect of sex, education, and occupation