|  |  |  |  |
| --- | --- | --- | --- |
| **Supplementary table 1** Associations of factors and self-contamination points in HCWs a | | | |
| Subgroup | Variables | Estimate | *P* |
| Male |  |  |  |
|  | Intercept | -3.04 | 0.386 |
|  | Age | 0.00 | 0.964 |
|  | Department |  |  |
|  | Clinical | -0.16 | 0.600 |
|  | Medical technology | -0.33 | 0.570 |
|  | Other | 0.00 |  |
|  | Profession |  |  |
|  | Doctor | 0.00 |  |
|  | Nurse | -0.29 | 0.709 |
|  | Technician | 0.03 | 0.965 |
|  | Title |  |  |
|  | Primary | 0.00 |  |
|  | Intermedia | 0.14 | 0.682 |
|  | Senior | 0.07 | 0.908 |
|  | Prior training experience | |  |
|  | Yes | -1.15 | 0.004 |
|  | No | 0.00 |  |
|  | working years | -0.01 | 0.877 |
|  | BMI | 0.08 | 0.208 |
|  | Waist circumference | -0.02 | 0.390 |
|  | Shoulder width | 0.08 | 0.135 |
| Female |  |  |  |
|  | Intercept | 0.05 | 0.982 |
|  | Age | -0.01 | 0.765 |
|  | Department |  |  |
|  | Clinical | -0.52 | 0.025 |
|  | Medical technology | 0.12 | 0.777 |
|  | Other | 0.00 |  |
|  | Profession |  |  |
|  | Doctor | 0.00 |  |
|  | Nurse | 0.00 | 0.993 |
|  | Technician | 0.12 | 0.796 |
|  | Title |  |  |
|  | Primary |  |  |
|  | Intermedia | -0.13 | 0.633 |
|  | Senior | 0.02 | 0.965 |
|  | Prior training experience | |  |
|  | Yes | -0.76 | < 0.001 |
|  | No | 0.00 |  |
|  | working years | 0.02 | 0.592 |
|  | BMI | 0.05 | 0.403 |
|  | Waist circumference | -0.01 | 0.546 |
|  | Shoulder width |  |  |
| BMI (≥24) |  |  |  |
|  | Intercept | -1.76 | 0.477 |
|  | Sex |  |  |
|  | Male | -0.52 | 0.173 |
|  | Female | 0.00 |  |
|  | Age | -0.05 | 0.429 |
|  | Department |  |  |
|  | Clinical | -0.10 | 0.791 |
|  | Medical technology | -0.05 | 0.929 |
|  | Other | 0.00 |  |
|  | Profession |  |  |
|  | Doctor | 0.00 |  |
|  | Nurse | -0.14 | 0.756 |
|  | Technician | -0.22 | 0.644 |
|  | Title |  |  |
|  | Primary |  |  |
|  | Intermedia | -0.23 | 0.484 |
|  | Senior | -0.35 | 0.554 |
|  | Prior training experience | |  |
|  | Yes | -1.27 | <0.001 |
|  | No | 0.00 |  |
|  | working years | 0.03 | 0.441 |
|  | Waist circumference | 0.01 | 0.536 |
|  | Shoulder width | 0.08 | 0.092 |
| BMI (<24) |  |  |  |
|  | Intercept | -3.34 |  |
|  | Sex |  |  |
|  | Male | -0.10 | 0.760 |
|  | Female | 0.00 |  |
|  | Age | 0.08 | 0.090 |
|  | Department |  |  |
|  | Clinical | -0.41 | 0.068 |
|  | Medical technology | -0.86 | 0.094 |
|  | Other | 0.00 |  |
|  | Profession |  |  |
|  | Doctor | 0.00 |  |
|  | Nurse | 0.47 | 0.176 |
|  | Technician | 0.52 | 0.247 |
|  | Title |  |  |
|  | Primary | 0.00 |  |
|  | Intermedia | 0.58 | 0.067 |
|  | Senior | 0.68 | 0.106 |
|  | Prior training experience | |  |
|  | Yes | -0.90 | < 0.001 |
|  | No | 0.00 |  |
|  | working years | -0.09 | 0.063 |
|  | Waist circumference | -0.01 | 0.400 |
|  | Shoulder width | 0.07 | 0.147 |
| a HCWs, healthcare workers; BMI, body mass index | | |  |