

**Figure 1: Effects of background factors on distress score**

**Table 1. Estimates of the coefficients for background factors on distress dimension score**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate  | Odds | odds’ 95% CI  | SE  | t value  | P value  |
| **Separated** | 0.378  | 1.459 | 1.148 to 1.830 | 0.119  | 3.186  | 0.001 \*\*\* |
| **Single** | 0.108  | 1.114 | 0.998 to 1.244 | 0.056  | 1.925  | 0.054 .  |
| **Widowed** | 0.461  | 1.586 | 1.101 to 2.213 | 0.178  | 2.595  | 0.009 \*\*  |
| **Age**  | -0.031  | 0.969 | 0.965 to 0.975 | 0.003  | -11.322  | <0.001\*\*\* |
| **Male Sex**  | -0.355  | 0.701 | 0.639 to 0.769 | 0.047  | -7.563  | <0.001\*\*\* |
| **University Edu**  | -0.177  | 0.838 | 0.759 to 0.925 | 0.050  | -3.531  | <0.001\*\*\* |
| **Friends’ Info**  | 0.743  | 2.102 | 1.772 to 2.483 | 0.086  | 8.643  | <0.001\*\*\* |
| **Media news**  | -0.288  | 0.750 | 0.666 to 0.841 | 0.060  | -4.842  | <0.001\*\*\* |
| **Social media**  | -0.175  | 0.839 | 0.756 to 0.931 | 0.053  | -3.289  | 0.001 \*\*\* |
| **Unemployment**  | 0.032  | 1.033 | 0.932 to 1.143 | 0.052  | 0.611  | 0.541  |



**Figure 2: Effects of background factors on depression score**

**Table 2. Estimates of the coefficients for background factors on depression dimension score**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate  | Odds | odds’ 95% CI  | SE  | t value  | P value  |
| **Separated** | 0.081  | 1.084 | 0.661 to 1.683 | 0.237  | 0.343  | 0.731  |
| **Single** | 0.107  | 1.113 | 0.887 to 1.398 | 0.116  | 0.925  | 0.355  |
| **Widowed** | 0.505  | 1.657 | 0.857 to 2.918 | 0.310  | 1.629  | 0.103  |
| **Age**  | -0.017  | 0.983 | 0.974 to 0.993 | 0.005  | -3.424  | 0.001 \*\*\* |
| **Male Sex**  | -0.605  | 0.546 | 0.455 to 0.655 | 0.093  | -6.518  | <0.001\*\*\* |
| **University Edu**  | -0.351  | 0.704 | 0.589 to 0.843 | 0.091  | -3.838  | <0.001\*\*\* |
| **Friends’ Info**  | 1.166  | 3.209 | 2.421 to 4.214 | 0.141  | 8.253  | <0.001\*\*\* |
| **Media news**  | -0.735  | 0.480 | 0.358 to 0.631 | 0.144  | -5.085  | <0.001\*\*\* |
| **Social media**  | -0.104  | 0.901 | 0.737 to 1.096 | 0.101  | -1.029  | 0.303  |
| **Unemployment**  | 0.343  | 1.409 | 1.153 to 1.723 | 0.103  | 3.344  | 0.001 \*\*\* |



**Figure 3: Effects of background factors on anxiety score**

**Table 3. Estimates of the coefficients for background factors on anxiety dimension score**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate  | Odds | odds’ 95% CI  | SE  | t value  | P value  |
| **Separated** | 0.246  | 1.279 | 0.864 to 1.827 | 0.190  | 1.294  | 0.196  |
| **Single** | -0.136  | 0.873 | 0.732 to 1.040 | 0.089  | -1.524  | 0.128  |
| **Widowed** | 0.525  | 1.690 | 0.965 to 2.763 | 0.267  | 1.970  | 0.049 \*  |
| **Age**  | -0.033  | 0.968 | 0.960 to 0.976 | 0.004  | -7.899  | <0.001\*\*\* |
| **Male Sex**  | -0.178  | 0.837 | 0.727 to 0.964 | 0.072  | -2.471  | 0.013 \*  |
| **University Edu**  | -0.231  | 0.794 | 0.685 to 0.921 | 0.076  | -3.057  | 0.002 \*\*  |
| **Friends’ Info**  | 1.212  | 3.360 | 2.664 to 4.215 | 0.117  | 10.365  | <0.001\*\*\* |
| **Media news**  | -0.143  | 0.867 | 0.729 to 1.024 | 0.087  | -1.653  | 0.098 .  |
| **Social media**  | -0.122  | 0.885 | 0.753 to 1.036 | 0.081  | -1.500  | 0.133  |
| **Unemployment**  | 0.133  | 1.142 | 0.970 to 1.346 | 0.083  | 1.600  | 0.110  |



**Figure 4: Effects of background factors on somatization score**

**Table 4. Estimates of the coefficients for background factors on somatization dimension score**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate  | Odds | odds’ 95% CI  | SE  | t value  | P value  |
| **Separated** | -0.169  | 0.845 | 0.590 to 1.171 | 0.174  | -0.967  | 0.333  |
| **Single** | 0.155  | 1.168 | 1.021 to 1.336 | 0.068  | 2.268  | 0.023 \*  |
| **Widowed** | -0.091  | 0.913 | 0.507 to 1.507 | 0.276  | -0.330  | 0.741  |
| **Age**  | -0.017  | 0.983 | 0.977 to 0.990 | 0.003  | -5.140  | <0.001\*\*\* |
| **Male Sex**  | -0.351  | 0.704 | 0.630 to 0.787 | 0.057  | -6.182  | <0.001\*\*\* |
| **University Edu**  | 0.143  | 1.154 | 1.018 to 1.311 | 0.064  | 2.220  | 0.026 \*  |
| **Friends’ Info**  | 0.883  | 2.418 | 1.958 to 2.967 | 0.106  | 8.331  | <0.001\*\*\* |
| **Media news**  | -0.046  | 0.955 | 0.839 to 1.084 | 0.065  | -0.703  | 0.482  |
| **Social media**  | -0.092  | 0.912 | 0.801 to 1.036 | 0.066  | -1.398  | 0.162  |
| **Unemployment**  | 0.154  | 1.166 | 1.031 to 1.321 | 0.063  | 2.439  | 0.015 \*  |

**Figure 5: Effects of background factors on total 4DSQ score**



**Table 5. Estimates of the coefficients for background factors on total 4DSQ score**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate  | Odds | odds’ 95% CI  | SE  | t value  | P value  |
| **Separated** | 0.177  | 1.194 | 1.013 to 1.396 | 0.082  | 2.165  | 0.030 \*  |
| **Single** | 0.079  | 1.082 | 1.006 to 1.163 | 0.037  | 2.124  | 0.034 \*  |
| **Widowed** | 0.348  | 1.416 | 1.112 to 1.778 | 0.120  | 2.909  | 0.004 \*\*  |
| **Age**  | -0.025  | 0.975 | 0.972 to 0.978 | 0.002  | -14.608  | <0.001\*\*\* |
| **Male Sex**  | -0.350  | 0.705 | 0.664 to 0.748 | 0.030  | -11.495  | <0.001\*\*\* |
| **University Edu**  | -0.125  | 0.882 | 0.828 to 0.941 | 0.033  | -3.844  | <0.001\*\*\* |
| **Friends’ Info**  | 0.930  | 2.535 | 2.281 to 2.811 | 0.053  | 17.451  | <0.001\*\*\* |
| **Media news**  | -0.223  | 0.800 | 0.743 to 0.861 | 0.038  | -5.901  | <0.001\*\*\* |
| **Social media**  | -0.135  | 0.874 | 0.816 to 0.935 | 0.035  | -3.898  | <0.001\*\*\* |
| **Unemployment**  | 0.120  | 1.127 | 1.054 to 1.205 | 0.034  | 3.517  | <0.001\*\*\* |

**Table 4. Estimates of the coefficients for background factors on 4DSQ score and dimensions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Estimate  | Odds | odds’ 95% CI  | SE  | t value  | P value  |
| **Effect on Total 4SDQ score** |
| **Separated** | 0.177  | 1.194 | 1.013 to 1.396 | 0.082  | 2.165  | 0.030 \*  |
| **Single** | 0.079  | 1.082 | 1.006 to 1.163 | 0.037  | 2.124  | 0.034 \*  |
| **Widowed** | 0.348  | 1.416 | 1.112 to 1.778 | 0.120  | 2.909  | 0.004 \*\*  |
| **Age**  | -0.025  | 0.975 | 0.972 to 0.978 | 0.002  | -14.608  | <0.001\*\*\* |
| **Male Sex**  | -0.350  | 0.705 | 0.664 to 0.748 | 0.030  | -11.495  | <0.001\*\*\* |
| **University Edu**  | -0.125  | 0.882 | 0.828 to 0.941 | 0.033  | -3.844  | <0.001\*\*\* |
| **Friends’ Info**  | 0.930  | 2.535 | 2.281 to 2.811 | 0.053  | 17.451  | <0.001\*\*\* |
| **Media news**  | -0.223  | 0.800 | 0.743 to 0.861 | 0.038  | -5.901  | <0.001\*\*\* |
| **Social media**  | -0.135  | 0.874 | 0.816 to 0.935 | 0.035  | -3.898  | <0.001\*\*\* |
| **Unemployment**  | 0.120  | 1.127 | 1.054 to 1.205 | 0.034  | 3.517  | <0.001\*\*\* |
| **Effect on distress dimension score** |
| **Separated** | 0.378  | 1.459 | 1.148 to 1.830 | 0.119  | 3.186  | 0.001 \*\*\* |
| **Single** | 0.108  | 1.114 | 0.998 to 1.244 | 0.056  | 1.925  | 0.054 .  |
| **Widowed** | 0.461  | 1.586 | 1.101 to 2.213 | 0.178  | 2.595  | 0.009 \*\*  |
| **Age**  | -0.031  | 0.969 | 0.965 to 0.975 | 0.003  | -11.322  | <0.001\*\*\* |
| **Male Sex**  | -0.355  | 0.701 | 0.639 to 0.769 | 0.047  | -7.563  | <0.001\*\*\* |
| **University Edu**  | -0.177  | 0.838 | 0.759 to 0.925 | 0.050  | -3.531  | <0.001\*\*\* |
| **Friends’ Info**  | 0.743  | 2.102 | 1.772 to 2.483 | 0.086  | 8.643  | <0.001\*\*\* |
| **Media news**  | -0.288  | 0.750 | 0.666 to 0.841 | 0.060  | -4.842  | <0.001\*\*\* |
| **Social media**  | -0.175  | 0.839 | 0.756 to 0.931 | 0.053  | -3.289  | 0.001 \*\*\* |
| **Unemployment**  | 0.032  | 1.033 | 0.932 to 1.143 | 0.052  | 0.611  | 0.541  |
| **Effect on depression dimension score** |
| **Separated** | 0.081  | 1.084 | 0.661 to 1.683 | 0.237  | 0.343  | 0.731  |
| **Single** | 0.107  | 1.113 | 0.887 to 1.398 | 0.116  | 0.925  | 0.355  |
| **Widowed** | 0.505  | 1.657 | 0.857 to 2.918 | 0.310  | 1.629  | 0.103  |
| **Age**  | -0.017  | 0.983 | 0.974 to 0.993 | 0.005  | -3.424  | 0.001 \*\*\* |
| **Male Sex**  | -0.605  | 0.546 | 0.455 to 0.655 | 0.093  | -6.518  | <0.001\*\*\* |
| **University Edu**  | -0.351  | 0.704 | 0.589 to 0.843 | 0.091  | -3.838  | <0.001\*\*\* |
| **Friends’ Info**  | 1.166  | 3.209 | 2.421 to 4.214 | 0.141  | 8.253  | <0.001\*\*\* |
| **Media news**  | -0.735  | 0.480 | 0.358 to 0.631 | 0.144  | -5.085  | <0.001\*\*\* |
| **Social media**  | -0.104  | 0.901 | 0.737 to 1.096 | 0.101  | -1.029  | 0.303  |
| **Unemployment**  | 0.343  | 1.409 | 1.153 to 1.723 | 0.103  | 3.344  | 0.001 \*\*\* |
| **Effect on anxiety dimension score** |
| **Separated** | 0.246  | 1.279 | 0.864 to 1.827 | 0.190  | 1.294  | 0.196  |
| **Single** | -0.136  | 0.873 | 0.732 to 1.040 | 0.089  | -1.524  | 0.128  |
| **Widowed** | 0.525  | 1.690 | 0.965 to 2.763 | 0.267  | 1.970  | 0.049 \*  |
| **Age**  | -0.033  | 0.968 | 0.960 to 0.976 | 0.004  | -7.899  | <0.001\*\*\* |
| **Male Sex**  | -0.178  | 0.837 | 0.727 to 0.964 | 0.072  | -2.471  | 0.013 \*  |
| **University Edu**  | -0.231  | 0.794 | 0.685 to 0.921 | 0.076  | -3.057  | 0.002 \*\*  |
| **Friends’ Info**  | 1.212  | 3.360 | 2.664 to 4.215 | 0.117  | 10.365  | <0.001\*\*\* |
| **Media news**  | -0.143  | 0.867 | 0.729 to 1.024 | 0.087  | -1.653  | 0.098 .  |
| **Social media**  | -0.122  | 0.885 | 0.753 to 1.036 | 0.081  | -1.500  | 0.133  |
| **Unemployment**  | 0.133  | 1.142 | 0.970 to 1.346 | 0.083  | 1.600  | 0.110  |
| **Effect on somatization dimension score** |
| **Separated** | -0.169  | 0.845 | 0.590 to 1.171 | 0.174  | -0.967  | 0.333  |
| **Single** | 0.155  | 1.168 | 1.021 to 1.336 | 0.068  | 2.268  | 0.023 \*  |
| **Widowed** | -0.091  | 0.913 | 0.507 to 1.507 | 0.276  | -0.330  | 0.741  |
| **Age**  | -0.017  | 0.983 | 0.977 to 0.990 | 0.003  | -5.140  | <0.001\*\*\* |
| **Male Sex**  | -0.351  | 0.704 | 0.630 to 0.787 | 0.057  | -6.182  | <0.001\*\*\* |
| **University Edu**  | 0.143  | 1.154 | 1.018 to 1.311 | 0.064  | 2.220  | 0.026 \*  |
| **Friends’ Info**  | 0.883  | 2.418 | 1.958 to 2.967 | 0.106  | 8.331  | <0.001\*\*\* |
| **Media news**  | -0.046  | 0.955 | 0.839 to 1.084 | 0.065  | -0.703  | 0.482  |
| **Social media**  | -0.092  | 0.912 | 0.801 to 1.036 | 0.066  | -1.398  | 0.162  |
| **Unemployment**  | 0.154  | 1.166 | 1.031 to 1.321 | 0.063  | 2.439  | 0.015 \*  |