

Table 10.23

Work Table for Calculating Pearson's r for Arab League Internet Usage and State Fragility

| Country | Internet | $X - \bar{X}$ | $(X - \bar{X})^2$ | SFI | $Y - \bar{Y}$ | $(Y - \bar{Y})^2$ | $(X - \bar{X})(Y - \bar{Y})$ |
|--------------|-------------------|---------------|--------------------|------------------|---------------|-------------------|------------------------------|
| Algeria | 105 | -52.6 | 2766.76 | 15 | 4.2 | 17.64 | -220.92 |
| Bahrain | 353 | 195.2 | 38111.63 | 4 | -6.8 | 46.24 | -1327.51 |
| Comoros | 34 | -123.4 | 15221.64 | 13 | 2.2 | 4.84 | -271.43 |
| Djibouti | 14 | -143.9 | 20720.74 | 13 | 2.2 | 4.84 | -316.68 |
| Egypt | 107 | -50.3 | 2529.99 | 13 | 2.2 | 4.84 | -110.66 |
| Iraq | 2 | -155.6 | 24222.56 | 17 | 6.2 | 38.44 | -964.94 |
| Jordan | 186 | 28.6 | 816.99 | 6 | -4.8 | 23.04 | -137.20 |
| Kuwait | 359 | 201.6 | 40642.96 | 3 | -7.8 | 60.84 | -1572.49 |
| Lebanon | 234 | 76.7 | 5879.67 | 6 | -4.8 | 23.04 | -368.06 |
| Libya | 44 | -114.0 | 12999.19 | 7 | -3.8 | 14.44 | 433.25 |
| Mauritania | 10 | -148.1 | 21930.06 | 16 | 5.2 | 27.04 | -770.06 |
| Morocco | 216 | 58.7 | 3439.82 | 6 | -4.8 | 23.04 | -281.52 |
| Oman | 106 | -51.5 | 2653.49 | 5 | -5.8 | 33.64 | 298.77 |
| Qatar | 387 | 229.3 | 52574.82 | 6 | -4.8 | 23.04 | -1100.60 |
| Saudi Arabia | 225 | 67.0 | 4492.89 | 10 | -0.8 | 0.64 | -53.62 |
| Somalia | 11 | -146.9 | 21565.80 | 25 | 14.2 | 201.64 | -2085.31 |
| Sudan | 38 | -119.5 | 14282.40 | 24 | 13.2 | 174.24 | -1577.52 |
| Syria | 180 | 22.1 | 486.42 | 10 | -0.8 | 0.64 | -17.64 |
| Tunisia | 168 | 10.0 | 99.44 | 8 | -2.8 | 7.84 | -27.92 |
| UAE | 518 | 360.0 | 129564.00 | 3 | -7.8 | 60.84 | -2807.61 |
| Yemen | 14 | -143.2 | 20507.67 | 16 | 5.2 | 27.04 | -744.67 |
| n = 21 | $\Sigma X = 3310$ | | $SS_X = 435508.95$ | $\Sigma Y = 226$ | | $SS_Y = 817.84$ | $SS_{XY} = -14024.3$ |
| | $\bar{X} = 157.6$ | | | $\bar{Y} = 10.8$ | | | |