

Table 10.27

Work Table to Find Correlation between State Fragility and Corruption

| Country | TI | $X - \bar{X}$ | $(X - \bar{X})^2$ | SFI | $Y - \bar{Y}$ | $(Y - \bar{Y})^2$ | $(X - \bar{X})(Y - \bar{Y})$ |
|--------------|--------------|---------------|-------------------|--------------|---------------|-------------------|------------------------------|
| Algeria | 2.9 | | | 15 | | | |
| Bahrain | 5.1 | | | 4 | | | |
| Comoros | 2.4 | | | 13 | | | |
| Djibouti | 3.0 | | | 13 | | | |
| Egypt | 2.9 | | | 13 | | | |
| Iraq | 1.8 | | | 17 | | | |
| Jordan | 4.5 | | | 6 | | | |
| Kuwait | 4.6 | | | 3 | | | |
| Lebanon | 2.5 | | | 6 | | | |
| Libya | 2.0 | | | 7 | | | |
| Mauritania | 2.4 | | | 16 | | | |
| Morocco | 3.4 | | | 6 | | | |
| Oman | 4.8 | | | 5 | | | |
| Qatar | 7.2 | | | 6 | | | |
| Saudi Arabia | 4.4 | | | 10 | | | |
| Somalia | 1.0 | | | 25 | | | |
| Sudan | 1.6 | | | 24 | | | |
| Syria | 2.6 | | | 10 | | | |
| Tunisia | 3.8 | | | 8 | | | |
| UAE | 6.8 | | | 3 | | | |
| Yemen | 2.1 | | | 16 | | | |
| $n = 21$ | $\Sigma X =$ | | $SS_X =$ | $\Sigma Y =$ | | $SS_Y =$ | $SS_{XY} =$ |
| | $\bar{X} =$ | | | $\bar{Y} =$ | | | |

Sources: Marshall, Monty G. and Benjamin R. Cole, "State Fragility Index and Matrix 2011." *Center for Systemic Peace*, 2012. www.systemicpeace.org/SFI/matrix2011c.pdf; Transparency International, *Corruption Perceptions Index 2011*. http://www.transparency.org/cpi2011/in_detail.