

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	$\Sigma X = 3310$		$SS_X = 435508.95$	$\Sigma Y = 226$		$SS_Y = 817.84$	$SS_{XY} = -14024.3$
	$\bar{X} = 157.6$			$\bar{Y} = 10.8$			