

Table 7.2 Work Table for ANOVA: Corruption Level for Post-Soviet States by Region

Region	Country	Transparency Index	$X - \bar{X}_{Total}$	$(X - \bar{X}_{Total})^2$	$X - \bar{X}_{Group}$	$(X - \bar{X}_{Group})^2$
Asia	Armenia	2.6	$2.6 - 2.99 = -0.39$	$(-0.39)^2 = 0.15$	$2.6 - 2.42 = 0.18$	$(0.18)^2 = 0.03$
Asia	Azerbaijan	2.4	-0.59	0.35	-0.02	0.00
Asia	Georgia	4.1	1.11	1.23	1.68	2.81
Asia	Kazakhstan	2.7	-0.29	0.08	0.28	0.08
Asia	Kyrgyzstan	2.1	-0.89	0.79	-0.33	0.11
Asia	Tajikistan	2.3	-0.69	0.48	-0.13	0.02
Asia	Turkmenistan	1.6	-1.39	1.93	-0.83	0.68
Asia	Uzbekistan	1.6	-1.39	1.93	-0.83	0.68
$n_{Asia} = 8$						
$\Sigma X_{Asia} = 19.4$						
$\bar{X}_{Asia} = \Sigma X_{Asia} / n_{Asia} = 2.42$						
Europe	Belarus	2.4	-0.59	0.35	$2.4 - 3.63 = -1.23$	$(-1.23)^2 = 1.51$
Europe	Estonia	6.4	3.41	11.63	2.77	7.67
Europe	Latvia	4.2	1.21	1.46	0.57	0.32
Europe	Lithuania	4.8	1.81	3.28	1.17	1.37
Europe	Moldova	2.9	-0.09	0.01	-0.73	0.53
Europe	Russia	2.4	-0.59	0.35	-1.23	1.51
Europe	Ukraine	2.3	-0.69	0.48	-1.33	1.77
$n_{Europe} = 7$		$\Sigma X_{Europe} = 25.4$			$WSS = \Sigma (X - \bar{X}_{Group})^2 = 19.09$	
$\bar{X}_{Europe} = \Sigma X_{Europe} / n_{Europe} = 3.63$						
$n_{Total} = 15$		$\Sigma X_{Total} = \Sigma X_{Asia} + \Sigma X_{Europe} = 44.8$		$TSS = \Sigma (X - \bar{X}_{Total})^2 = 24.50$		
$\bar{X}_{Total} = \Sigma X_{Total} / n_{Total} = 2.99$						