

Table 7.5 Work Table for ANOVA: Software Piracy for Eastern European States by EU Membership

Region	Country	Piracy Rate (%)	$X - \bar{X}_{Total}$	$(X - \bar{X}_{Total})^2$	$X - \bar{X}_{Group}$	$(X - \bar{X}_{Group})^2$
Non-EU	Albania	75	12.9	166.41	0.6	0.36
Non-EU	Armenia	88	25.9	670.81	13.6	184.96
Non-EU	Azerbaijan	87	24.9	620.01	12.6	158.76
Non-EU	Bosnia and Herzegovina	66	3.9	15.21	-8.4	70.56
Non-EU	Croatia	53	-9.1	82.81	-21.4	457.96
Non-EU	Macedonia	66	3.9	15.21	-8.4	70.56
Non-EU	Moldova	90	27.9	778.41	15.6	243.36
Non-EU	Russia	63	0.9	0.81	-11.4	129.96
Non-EU	Serbia	72	9.9	98.01	-2.4	5.76
Non-EU	Ukraine	84	21.9	479.61	9.6	92.16
$n_{Non-EU} = 10$ $\Sigma X_{Non-EU} = 744$						
$\bar{X}_{Non-EU} = \Sigma X_{Non-EU} / n_{Non-EU} = 74.4$						
EU	Bulgaria	64	1.9	3.61	14.2	201.64
EU	Czech Rep.	35	-27.1	734.41	-14.8	219.04
EU	Estonia	48	-14.1	198.81	-1.8	3.24
EU	Hungary	41	-21.1	445.21	-8.8	77.44
EU	Latvia	54	-8.1	65.61	4.2	17.64
EU	Lithuania	54	-8.1	65.61	4.2	17.64
EU	Poland	53	-9.1	82.81	3.2	10.24
EU	Romania	63	0.9	0.81	13.2	174.24
EU	Slovakia	40	-22.1	488.41	-9.8	96.04
EU	Slovenia	46	-17.35	301.02	-3.8	14.44
$n_{EU} = 10$	$\Sigma X_{EU} = 498$				$WSS = \Sigma(X - \bar{X}_{Group})^2 = 2246.0$	
$\bar{X}_{EU} = \Sigma X_{EU} / n_{EU} = 49.8$						
$n_{Total} = 20$	$\Sigma X_{Total} = \Sigma X_{Non-EU} + \Sigma X_{EU} = 1242$		$TSS = \Sigma(X - \bar{X}_{Total})^2 = 5271.8$			
	$\bar{X}_{Total} = \Sigma X_{Total} / n_{Total} = 62.1$					