

TABLE B.6
Critical Values for the Phillips-Perron Z_t Test and for the Dickey-Fuller Test
Based on Estimated OLS t Statistic

Sample size	T	Probability that $(\hat{\rho} - 1)/\hat{\sigma}_{\hat{\rho}}$ is less than entry							
		0.01	0.025	0.05	0.10	0.90	0.95	0.99	
<i>Case 1</i>									
1.79	25	-2.66	-2.26	-1.95	-1.60	0.92	1.33	1.70	2.16
1.70	50	-2.62	-2.25	-1.95	-1.61	0.91	1.31	1.66	2.08
1.65	100	-2.60	-2.24	-1.95	-1.61	0.90	1.29	1.64	2.03
1.62	250	-2.58	-2.23	-1.95	-1.62	0.89	1.29	1.63	2.01
1.61	500	-2.58	-2.23	-1.95	-1.62	0.89	1.28	1.62	2.00
1.60	∞	-2.58	-2.23	-1.95	-1.62	0.89	1.28	1.62	2.00
<i>Case 2</i>									
0.65	25	-3.75	-3.33	-3.00	-2.63	-0.37	0.00	0.34	0.72
0.53	50	-3.58	-3.22	-2.93	-2.60	-0.40	-0.03	0.29	0.66
0.47	100	-3.51	-3.17	-2.89	-2.58	-0.42	-0.05	0.26	0.63
0.43	250	-3.46	-3.14	-2.88	-2.57	-0.42	-0.06	0.24	0.62
0.42	500	-3.44	-3.13	-2.87	-2.57	-0.43	-0.07	0.24	0.61
0.41	∞	-3.43	-3.12	-2.86	-2.57	-0.44	-0.07	0.23	0.60
<i>Case 4</i>									
1.53	25	-4.38	-3.95	-3.60	-3.24	-1.14	-0.80	-0.50	-0.15
1.66	50	-4.15	-3.80	-3.50	-3.18	-1.19	-0.87	-0.58	-0.24
1.73	100	-4.04	-3.73	-3.45	-3.15	-1.22	-0.90	-0.62	-0.28
1.78	250	-3.99	-3.69	-3.43	-3.13	-1.23	-0.92	-0.64	-0.31
1.78	500	-3.98	-3.68	-3.42	-3.13	-1.24	-0.93	-0.65	-0.32
1.79	∞	-3.96	-3.66	-3.41	-3.12	-1.25	-0.94	-0.66	-0.33

The probability shown at the head of the column is the area in the left-hand tail.

Source: Wayne A. Fuller, *Introduction to Statistical Time Series*, Wiley, New York, 1976, p. 373.