

**Table 3: Modifications and Percentiles for GOF Measures for Normal Distributions with  $\mu$  and  $\sigma$  Unknown**

Statistic	Modified Statistic	Upper Percentiles							
		.50	.25	.15	.10	.05	.025	.01	.005
$D_n$	$D_n(\sqrt{n} - .01 + .85/\sqrt{n})$	-	-	0.775	0.819	0.895	0.995	1.035	-
$W_n^2$	$W_n^2(1 + \frac{.5}{n})$	0.051	0.074	0.091	0.104	0.126	0.148	0.179	0.201
$A_n^2$	$A_n^2(1 + \frac{.75}{n} + \frac{2.25}{n^2})$	0.341	0.470	0.561	0.631	0.752	0.873	1.035	1.159

**Table 5: Modifications and Percentiles for A-D Measure for Extreme Value Distribution with Unspecified Parameters**

Statistic	Modified Statistic	Upper Percentiles				
		.25	.10	.05	.025	.01
$A_n^2$	$A_n^2(1.0 + \frac{0.2}{\sqrt{n}})$	0.474	0.637	0.757	0.877	1.038