

**Table A.8.** Kolmogorov–Smirnov Critical Values

| <i>Degrees of<br/>Freedom<br/>(N)</i> | $D_{0.10}$              | $D_{0.05}$              | $D_{0.01}$              |
|---------------------------------------|-------------------------|-------------------------|-------------------------|
| 1                                     | 0.950                   | 0.975                   | 0.995                   |
| 2                                     | 0.776                   | 0.842                   | 0.929                   |
| 3                                     | 0.642                   | 0.708                   | 0.828                   |
| 4                                     | 0.564                   | 0.624                   | 0.733                   |
| 5                                     | 0.510                   | 0.565                   | 0.669                   |
| 6                                     | 0.470                   | 0.521                   | 0.618                   |
| 7                                     | 0.438                   | 0.486                   | 0.577                   |
| 8                                     | 0.411                   | 0.457                   | 0.543                   |
| 9                                     | 0.388                   | 0.432                   | 0.514                   |
| 10                                    | 0.368                   | 0.410                   | 0.490                   |
| 11                                    | 0.352                   | 0.391                   | 0.468                   |
| 12                                    | 0.338                   | 0.375                   | 0.450                   |
| 13                                    | 0.325                   | 0.361                   | 0.433                   |
| 14                                    | 0.314                   | 0.349                   | 0.418                   |
| 15                                    | 0.304                   | 0.338                   | 0.404                   |
| 16                                    | 0.295                   | 0.328                   | 0.392                   |
| 17                                    | 0.286                   | 0.318                   | 0.381                   |
| 18                                    | 0.278                   | 0.309                   | 0.371                   |
| 19                                    | 0.272                   | 0.301                   | 0.363                   |
| 20                                    | 0.264                   | 0.294                   | 0.356                   |
| 25                                    | 0.24                    | 0.27                    | 0.32                    |
| 30                                    | 0.22                    | 0.24                    | 0.29                    |
| 35                                    | 0.21                    | 0.23                    | 0.27                    |
| Over<br>35                            | $\frac{1.22}{\sqrt{N}}$ | $\frac{1.36}{\sqrt{N}}$ | $\frac{1.63}{\sqrt{N}}$ |