

TABLE I-8

S = 9

| | Transition Probabilities | | | | | | | | |
|--------------------------|--------------------------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | .002 | .074 | .042 | | | .310 | .045 | .401 | .100 |
| 2 | | | .017 | .182 | | .798 | | | .002 |
| 3 | | | | .740 | .196 | | .063 | | |
| 4 | | | | .007 | .514 | .001 | .476 | | |
| 5 | .096 | .199 | | | | .481 | .199 | | .022 |
| 6 | | .395 | .245 | .062 | | | .296 | | |
| 7 | .643 | .053 | .016 | | | .030 | .032 | .211 | .011 |
| 8 | | .027 | .009 | .009 | | .561 | .194 | .001 | .205 |
| 9 | | | .003 | | | .821 | | .174 | |
| | Output Probabilities | | | | | | | | |
| A | .014 | .081 | .017 | | | | .303 | | .001 |
| B | .052 | .117 | .081 | | | | | .015 | |
| C | .008 | .070 | .004 | | .659 | | .208 | .237 | .439 |
| D | | | | | | | | .027 | |
| E | .044 | .070 | .016 | | | | | .079 | |
| F | | .026 | .029 | .602 | | .004 | | | .100 |
| G | | | | .040 | | .075 | .182 | | |
| H | .019 | | | | | | | | |
| I | | .022 | | | | | | .030 | |
| J | | .001 | .001 | | | | | .103 | |
| K | | .049 | | .052 | | | | .023 | |
| L | .105 | .090 | | .012 | | | | | .020 |
| M | .035 | .047 | | .002 | | .003 | .209 | | |
| N | .318 | | | .002 | .316 | | | .001 | |
| O | .010 | .090 | .108 | .005 | | | | | |
| P | | .005 | | | | | | .009 | .262 |
| Q | .227 | .057 | | .204 | | | | .083 | |
| R | .109 | .105 | .068 | | | | | .347 | |
| S | .015 | | .619 | .060 | | | .005 | .094 | |
| T | .015 | | | .005 | | | | | |
| U | | .069 | .054 | .009 | | | | | .175 |
| V | .010 | .073 | | | | | | .038 | |
| W | .010 | .005 | | .001 | .024 | | | | |
| X | | .008 | | | | | | | |
| Y | | .004 | | | | | | | |
| Z | | | | | | .910 | | | |
| # | | | | | | | | | |
| Stationary Probabilities | | | | | | | | | |
| | .150 | .114 | .057 | .055 | .060 | .183 | .223 | .115 | .043 |

TABLE I-9

S = 10

| | Transition Probabilities | | | | | | | | | |
|--------------------------|--------------------------|------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | .375 | .073 | | | | | | .003 | .073 | .113 |
| 2 | | .008 | .011 | | | | | .152 | | .471 |
| 3 | | .034 | .166 | | .006 | | | .006 | .966 | |
| 4 | | .101 | .060 | .403 | .010 | .045 | | .005 | .060 | .579 |
| 5 | .136 | .126 | | | | .028 | .707 | | .067 | .310 |
| 6 | .163 | .011 | .319 | | | | | .286 | .072 | .147 |
| 7 | | .745 | .173 | .080 | | | | | | |
| 8 | .241 | .386 | | | | .271 | .043 | .054 | | .002 |
| 9 | .072 | .122 | .014 | .151 | .532 | .062 | | .044 | | |
| | Output Probabilities | | | | | | | | | |
| A | .318 | .062 | .003 | | | .007 | .067 | .043 | .463 | .001 |
| B | | .100 | | .027 | .037 | .118 | | | | |
| C | | .073 | .640 | .230 | .010 | .002 | | .244 | | |
| D | .119 | .081 | | .004 | .061 | .012 | | | | .439 |
| E | .004 | .026 | | .067 | | .034 | | | | |
| F | | .010 | .002 | | | | .625 | .002 | .274 | .001 |
| G | .101 | .023 | | | | | | | .071 | .193 |
| H | | .002 | | .029 | | | .083 | | | |
| I | | .055 | | .083 | .109 | | .003 | | | |
| J | | .100 | | .017 | .042 | | .002 | | | |
| K | | .049 | .003 | | .348 | | .002 | | | |
| L | .445 | .091 | .078 | | .011 | .094 | .004 | .005 | .016 | .122 |
| M | | .006 | | | | | | | | |
| N | | .080 | | | .254 | | .146 | | | |
| O | | .058 | .117 | .163 | .077 | .128 | | | .003 | |
| P | | .037 | .028 | .301 | .005 | .493 | .073 | | | |
| Q | .017 | .052 | | .019 | .007 | | .001 | | | .240 |
| R | | .076 | | | | .011 | .047 | .006 | | |
| S | | .009 | .124 | .050 | | .016 | | | | |
| T | | .002 | | .002 | | | | | | .002 |
| U | | | | | | | | | | |
| V | | | | | | | | | | |
| W | | | | | | | | | | |
| X | | | | | | | | | | |
| Y | | | | | | | | | | |
| Z | | | | | | | | | | |
| # | | | | | | | | | .919 | |
| Stationary Probabilities | | | | | | | | | | |
| | .110 | .108 | .058 | .119 | .141 | .070 | .058 | .065 | .181 | .091 |