

Critical Values of r

| n | 2-tailed testing | | | 1-tailed testing | | |
|-----|------------------|-------|-------|------------------|-------|-------|
| | " | | | " | | |
| | .1 | .05 | .01 | .1 | .05 | .01 |
| 5 | 0.805 | 0.878 | 0.959 | 0.687 | 0.805 | 0.934 |
| 6 | 0.729 | 0.811 | 0.917 | 0.608 | 0.729 | 0.882 |
| 7 | 0.669 | 0.754 | 0.875 | 0.551 | 0.669 | 0.833 |
| 8 | 0.621 | 0.707 | 0.834 | 0.507 | 0.621 | 0.789 |
| 9 | 0.582 | 0.666 | 0.798 | 0.472 | 0.582 | 0.750 |
| 10 | 0.549 | 0.632 | 0.765 | 0.443 | 0.549 | 0.715 |
| 11 | 0.521 | 0.602 | 0.735 | 0.419 | 0.521 | 0.685 |
| 12 | 0.497 | 0.576 | 0.708 | 0.398 | 0.497 | 0.658 |
| 13 | 0.476 | 0.553 | 0.684 | 0.380 | 0.476 | 0.634 |
| 14 | 0.458 | 0.532 | 0.661 | 0.365 | 0.458 | 0.612 |
| 15 | 0.441 | 0.514 | 0.641 | 0.351 | 0.441 | 0.592 |
| 16 | 0.426 | 0.497 | 0.623 | 0.338 | 0.426 | 0.574 |
| 17 | 0.412 | 0.482 | 0.606 | 0.327 | 0.412 | 0.558 |
| 18 | 0.400 | 0.468 | 0.590 | 0.317 | 0.400 | 0.543 |
| 19 | 0.389 | 0.456 | 0.575 | 0.308 | 0.389 | 0.529 |
| 20 | 0.378 | 0.444 | 0.561 | 0.299 | 0.378 | 0.516 |
| 21 | 0.369 | 0.433 | 0.549 | 0.291 | 0.369 | 0.503 |
| 22 | 0.360 | 0.423 | 0.537 | 0.284 | 0.360 | 0.492 |
| 23 | 0.352 | 0.413 | 0.526 | 0.277 | 0.352 | 0.482 |
| 24 | 0.344 | 0.404 | 0.515 | 0.271 | 0.344 | 0.472 |
| 25 | 0.337 | 0.396 | 0.505 | 0.265 | 0.337 | 0.462 |
| 26 | 0.330 | 0.388 | 0.496 | 0.260 | 0.330 | 0.453 |
| 27 | 0.323 | 0.381 | 0.487 | 0.255 | 0.323 | 0.445 |
| 28 | 0.317 | 0.374 | 0.479 | 0.250 | 0.317 | 0.437 |
| 29 | 0.311 | 0.367 | 0.471 | 0.245 | 0.311 | 0.430 |
| 30 | 0.306 | 0.361 | 0.463 | 0.241 | 0.306 | 0.423 |
| 40 | 0.264 | 0.312 | 0.403 | 0.207 | 0.264 | 0.367 |
| 50 | 0.235 | 0.279 | 0.361 | 0.184 | 0.235 | 0.328 |
| 60 | 0.214 | 0.254 | 0.330 | 0.168 | 0.214 | 0.300 |
| 80 | 0.185 | 0.220 | 0.286 | 0.145 | 0.185 | 0.260 |
| 100 | 0.165 | 0.197 | 0.256 | 0.129 | 0.165 | 0.232 |
| 120 | 0.151 | 0.179 | 0.234 | 0.118 | 0.151 | 0.212 |
| 140 | 0.140 | 0.166 | 0.217 | 0.109 | 0.140 | 0.196 |
| 160 | 0.130 | 0.155 | 0.203 | 0.102 | 0.130 | 0.184 |
| 180 | 0.123 | 0.146 | 0.192 | 0.096 | 0.123 | 0.173 |
| 200 | 0.117 | 0.139 | 0.182 | 0.091 | 0.117 | 0.164 |
| 300 | 0.095 | 0.113 | 0.149 | 0.074 | 0.095 | 0.134 |
| 400 | 0.082 | 0.098 | 0.129 | 0.064 | 0.082 | 0.116 |
| 500 | 0.074 | 0.088 | 0.115 | 0.057 | 0.074 | 0.104 |