

Tablica 2. Kwantyle  $\chi_p^2$  rozkładu  $\chi^2$

$$p = \int_{-\infty}^{\chi_p^2} f(\chi^2, v) d\chi^2$$

|     | 0.995  | 0.99   | 0.975  | 0.95   | 0.9    | 0.5   | 0.1   | 0.05  | 0.025 | 0.01  | 0.005 |
|-----|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 1   | 7.88   | 6.63   | 5.02   | 3.84   | 2.71   | 0.45  | 0.02  | 0.00  | 0.00  | 0.00  | 0.00  |
| 2   | 10.60  | 9.21   | 7.38   | 5.99   | 4.61   | 1.39  | 0.21  | 0.10  | 0.05  | 0.02  | 0.01  |
| 3   | 12.84  | 11.34  | 9.35   | 7.81   | 6.25   | 2.37  | 0.58  | 0.35  | 0.22  | 0.11  | 0.07  |
| 4   | 14.86  | 13.28  | 11.14  | 9.49   | 7.78   | 3.36  | 1.06  | 0.71  | 0.48  | 0.30  | 0.21  |
| 5   | 16.75  | 15.09  | 12.83  | 11.07  | 9.24   | 4.35  | 1.61  | 1.15  | 0.83  | 0.55  | 0.41  |
| 6   | 18.55  | 16.81  | 14.45  | 12.59  | 10.64  | 5.35  | 2.20  | 1.64  | 1.24  | 0.87  | 0.68  |
| 7   | 20.28  | 18.48  | 16.01  | 14.07  | 12.02  | 6.35  | 2.83  | 2.17  | 1.69  | 1.24  | 0.99  |
| 8   | 21.95  | 20.09  | 17.53  | 15.51  | 13.36  | 7.34  | 3.49  | 2.73  | 2.18  | 1.65  | 1.34  |
| 9   | 23.59  | 21.67  | 19.02  | 16.92  | 14.68  | 8.34  | 4.17  | 3.33  | 2.70  | 2.09  | 1.73  |
| 10  | 25.19  | 23.21  | 20.48  | 18.31  | 15.99  | 9.34  | 4.87  | 3.94  | 3.25  | 2.56  | 2.16  |
| 11  | 26.76  | 24.72  | 21.92  | 19.68  | 17.28  | 10.34 | 5.58  | 4.57  | 3.82  | 3.05  | 2.60  |
| 12  | 28.30  | 26.22  | 23.34  | 21.03  | 18.55  | 11.34 | 6.30  | 5.23  | 4.40  | 3.57  | 3.07  |
| 13  | 29.82  | 27.69  | 24.74  | 22.36  | 19.81  | 12.34 | 7.04  | 5.89  | 5.01  | 4.11  | 3.57  |
| 14  | 31.32  | 29.14  | 26.12  | 23.68  | 21.06  | 13.34 | 7.79  | 6.57  | 5.63  | 4.66  | 4.07  |
| 15  | 32.80  | 30.58  | 27.49  | 25.00  | 22.31  | 14.34 | 8.55  | 7.26  | 6.26  | 5.23  | 4.60  |
| 16  | 34.27  | 32.00  | 28.85  | 26.30  | 23.54  | 15.34 | 9.31  | 7.96  | 6.91  | 5.81  | 5.14  |
| 17  | 35.72  | 33.41  | 30.19  | 27.59  | 24.77  | 16.34 | 10.09 | 8.67  | 7.56  | 6.41  | 5.70  |
| 18  | 37.16  | 34.81  | 31.53  | 28.87  | 25.99  | 17.34 | 10.86 | 9.39  | 8.23  | 7.01  | 6.26  |
| 19  | 38.58  | 36.19  | 32.85  | 30.14  | 27.20  | 18.34 | 11.65 | 10.12 | 8.91  | 7.63  | 6.84  |
| 20  | 40.00  | 37.57  | 34.17  | 31.41  | 28.41  | 19.34 | 12.44 | 10.85 | 9.59  | 8.26  | 7.43  |
| 21  | 41.40  | 38.93  | 35.48  | 32.67  | 29.62  | 20.34 | 13.24 | 11.59 | 10.28 | 8.90  | 8.03  |
| 22  | 42.80  | 40.29  | 36.78  | 33.92  | 30.81  | 21.34 | 14.04 | 12.34 | 10.98 | 9.54  | 8.64  |
| 23  | 44.18  | 41.64  | 38.08  | 35.17  | 32.01  | 22.34 | 14.85 | 13.09 | 11.69 | 10.20 | 9.26  |
| 24  | 45.56  | 42.98  | 39.36  | 36.42  | 33.20  | 23.34 | 15.66 | 13.85 | 12.40 | 10.86 | 9.89  |
| 25  | 46.93  | 44.31  | 40.65  | 37.65  | 34.38  | 24.34 | 16.47 | 14.61 | 13.12 | 11.52 | 10.52 |
| 26  | 48.29  | 45.64  | 41.92  | 38.89  | 35.56  | 25.34 | 17.29 | 15.38 | 13.84 | 12.20 | 11.16 |
| 27  | 49.64  | 46.96  | 43.19  | 40.11  | 36.74  | 26.34 | 18.11 | 16.15 | 14.57 | 12.88 | 11.81 |
| 28  | 50.99  | 48.28  | 44.46  | 41.34  | 37.92  | 27.34 | 18.94 | 16.93 | 15.31 | 13.56 | 12.46 |
| 29  | 52.34  | 49.59  | 45.72  | 42.56  | 39.09  | 28.34 | 19.77 | 17.71 | 16.05 | 14.26 | 13.12 |
| 30  | 53.67  | 50.89  | 46.98  | 43.77  | 40.26  | 29.34 | 20.60 | 18.49 | 16.79 | 14.95 | 13.79 |
| 40  | 66.77  | 63.69  | 59.34  | 55.76  | 51.81  | 39.34 | 29.05 | 26.51 | 24.43 | 22.16 | 20.71 |
| 50  | 79.49  | 76.15  | 71.42  | 67.50  | 63.17  | 49.33 | 37.69 | 34.76 | 32.36 | 29.71 | 27.99 |
| 60  | 91.95  | 88.38  | 83.30  | 79.08  | 74.40  | 59.33 | 46.46 | 43.19 | 40.48 | 37.48 | 35.53 |
| 70  | 104.21 | 100.43 | 95.02  | 90.53  | 85.53  | 69.33 | 55.33 | 51.74 | 48.76 | 45.44 | 43.28 |
| 80  | 116.32 | 112.33 | 106.63 | 101.88 | 96.58  | 79.33 | 64.28 | 60.39 | 57.15 | 53.54 | 51.17 |
| 90  | 128.30 | 124.12 | 118.14 | 113.15 | 107.57 | 89.33 | 73.29 | 69.13 | 65.65 | 61.75 | 59.20 |
| 100 | 140.17 | 135.81 | 129.56 | 124.34 | 118.50 | 99.33 | 82.36 | 77.93 | 74.22 | 70.06 | 67.33 |