

TABLE 7 (continued)

$v_1$

| $\gamma$ | $v_2$ | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 12   | 15   | 20   | 30   | 60   | 120  | $\infty$ |
|----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| 0.90     |       | 3.59 | 3.26 | 3.07 | 2.96 | 2.88 | 2.83 | 2.78 | 2.75 | 2.72 | 2.70 | 2.67 | 2.63 | 2.59 | 2.56 | 2.51 | 2.49 | 2.47     |
| 0.95     |       | 5.59 | 4.74 | 4.35 | 4.12 | 3.97 | 3.87 | 3.79 | 3.73 | 3.68 | 3.64 | 3.57 | 3.51 | 3.44 | 3.38 | 3.30 | 3.27 | 3.23     |
| 0.975    | 7     | 8.07 | 6.54 | 5.89 | 5.52 | 5.29 | 5.12 | 4.99 | 4.90 | 4.82 | 4.76 | 4.67 | 4.57 | 4.47 | 4.36 | 4.25 | 4.20 | 4.14     |
| 0.99     |       | 12.2 | 9.55 | 8.45 | 7.85 | 7.46 | 7.19 | 6.99 | 6.84 | 6.72 | 6.62 | 6.47 | 6.31 | 6.16 | 5.99 | 5.82 | 5.74 | 5.65     |
| 0.995    |       | 16.2 | 12.4 | 10.9 | 10.1 | 9.52 | 9.16 | 8.89 | 8.68 | 8.51 | 8.38 | 8.18 | 7.97 | 7.75 | 7.53 | 7.31 | 7.19 | 7.08     |
| 0.90     |       | 3.46 | 3.11 | 2.92 | 2.81 | 2.73 | 2.67 | 2.62 | 2.59 | 2.56 | 2.54 | 2.50 | 2.46 | 2.42 | 2.38 | 2.34 | 2.31 | 2.29     |
| 0.95     |       | 5.32 | 4.46 | 4.07 | 3.84 | 3.69 | 3.58 | 3.50 | 3.44 | 3.39 | 3.35 | 3.28 | 3.22 | 3.15 | 3.08 | 3.01 | 2.97 | 2.93     |
| 0.975    | 8     | 7.57 | 6.06 | 5.42 | 5.05 | 4.82 | 4.65 | 4.53 | 4.43 | 4.36 | 4.30 | 4.20 | 4.10 | 4.00 | 3.89 | 3.78 | 3.73 | 3.67     |
| 0.99     |       | 11.3 | 8.65 | 7.59 | 7.01 | 6.63 | 6.37 | 6.18 | 6.03 | 5.91 | 5.81 | 5.67 | 5.52 | 5.36 | 5.20 | 5.03 | 4.95 | 4.86     |
| 0.995    |       | 14.7 | 11.0 | 9.60 | 8.81 | 8.30 | 7.95 | 7.69 | 7.50 | 7.34 | 7.21 | 7.01 | 6.81 | 6.61 | 6.40 | 6.18 | 6.06 | 5.95     |
| 0.90     |       | 3.36 | 3.01 | 2.81 | 2.69 | 2.61 | 2.55 | 2.51 | 2.47 | 2.44 | 2.42 | 2.38 | 2.34 | 2.30 | 2.25 | 2.21 | 2.18 | 2.16     |
| 0.95     |       | 5.12 | 4.26 | 3.86 | 3.63 | 3.48 | 3.37 | 3.29 | 3.23 | 3.18 | 3.14 | 3.07 | 3.01 | 2.94 | 2.86 | 2.79 | 2.75 | 2.71     |
| 0.975    | 9     | 7.21 | 5.71 | 5.08 | 4.72 | 4.48 | 4.32 | 4.20 | 4.10 | 4.03 | 3.96 | 3.87 | 3.77 | 3.67 | 3.56 | 3.45 | 3.39 | 3.33     |
| 0.99     |       | 10.6 | 8.02 | 6.99 | 6.42 | 6.06 | 5.80 | 5.61 | 5.47 | 5.35 | 5.26 | 5.11 | 4.96 | 4.81 | 4.65 | 4.48 | 4.40 | 4.31     |
| 0.995    |       | 13.6 | 10.1 | 8.72 | 7.96 | 7.47 | 7.13 | 6.88 | 6.69 | 6.54 | 6.42 | 6.23 | 6.03 | 5.83 | 5.62 | 5.41 | 5.30 | 5.19     |
| 0.90     |       | 3.29 | 2.92 | 2.73 | 2.61 | 2.52 | 2.46 | 2.41 | 2.38 | 2.35 | 2.32 | 2.28 | 2.24 | 2.20 | 2.15 | 2.11 | 2.08 | 2.06     |
| 0.95     |       | 4.96 | 4.10 | 3.71 | 3.48 | 3.33 | 3.22 | 3.14 | 3.07 | 3.02 | 2.98 | 2.91 | 2.84 | 2.77 | 2.70 | 2.62 | 2.58 | 2.54     |
| 0.975    | 10    | 6.94 | 5.46 | 4.83 | 4.47 | 4.24 | 4.07 | 3.95 | 3.85 | 3.78 | 3.72 | 3.62 | 3.52 | 3.42 | 3.31 | 3.20 | 3.14 | 3.08     |
| 0.99     |       | 10.0 | 7.56 | 6.55 | 5.99 | 5.64 | 5.39 | 5.20 | 5.06 | 4.94 | 4.85 | 4.71 | 4.56 | 4.41 | 4.25 | 4.08 | 4.00 | 3.91     |
| 0.995    |       | 12.8 | 9.43 | 8.08 | 7.34 | 6.87 | 6.54 | 6.30 | 6.12 | 5.97 | 5.85 | 5.66 | 5.47 | 5.27 | 5.07 | 4.86 | 4.75 | 4.64     |
| 0.90     |       | 3.18 | 2.81 | 2.61 | 2.48 | 2.39 | 2.33 | 2.28 | 2.24 | 2.21 | 2.19 | 2.15 | 2.10 | 2.06 | 2.01 | 1.96 | 1.93 | 1.90     |
| 0.95     |       | 4.75 | 3.89 | 3.49 | 3.26 | 3.11 | 3.00 | 2.91 | 2.85 | 2.80 | 2.75 | 2.69 | 2.62 | 2.54 | 2.47 | 2.38 | 2.34 | 2.30     |
| 0.975    | 12    | 6.55 | 5.10 | 4.47 | 4.12 | 3.89 | 3.73 | 3.61 | 3.51 | 3.44 | 3.37 | 3.28 | 3.18 | 3.07 | 2.96 | 2.85 | 2.79 | 2.72     |
| 0.99     |       | 9.33 | 6.93 | 5.95 | 5.41 | 5.06 | 4.82 | 4.64 | 4.50 | 4.39 | 4.30 | 4.16 | 4.01 | 3.86 | 3.70 | 3.54 | 3.45 | 3.36     |
| 0.995    |       | 11.8 | 8.51 | 7.23 | 6.52 | 6.07 | 5.76 | 5.52 | 5.35 | 5.20 | 5.09 | 4.91 | 4.72 | 4.53 | 4.33 | 4.12 | 4.01 | 3.90     |
| 0.90     |       | 3.07 | 2.70 | 2.49 | 2.36 | 2.27 | 2.21 | 2.16 | 2.12 | 2.09 | 2.06 | 2.02 | 1.97 | 1.92 | 1.87 | 1.82 | 1.79 | 1.76     |
| 0.95     |       | 4.54 | 3.68 | 3.29 | 3.06 | 2.90 | 2.79 | 2.71 | 2.64 | 2.59 | 2.54 | 2.48 | 2.40 | 2.33 | 2.25 | 2.16 | 2.11 | 2.07     |
| 0.975    | 15    | 6.20 | 4.77 | 4.15 | 3.80 | 3.58 | 3.41 | 3.29 | 3.20 | 3.12 | 3.06 | 2.96 | 2.86 | 2.76 | 2.64 | 2.52 | 2.46 | 2.40     |
| 0.99     |       | 8.68 | 6.36 | 5.42 | 4.89 | 4.56 | 4.32 | 4.14 | 4.00 | 3.89 | 3.80 | 3.67 | 3.52 | 3.37 | 3.21 | 3.05 | 2.96 | 2.87     |
| 0.995    |       | 10.8 | 7.70 | 6.48 | 5.80 | 5.37 | 5.07 | 4.85 | 4.67 | 4.54 | 4.42 | 4.25 | 4.07 | 3.88 | 3.69 | 3.48 | 3.37 | 3.26     |

|       |          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.90  |          | 2.97 | 2.59 | 2.38 | 2.25 | 2.16 | 2.09 | 2.04 | 2.00 | 1.96 | 1.94 | 1.89 | 1.84 | 1.79 | 1.74 | 1.68 | 1.64 | 1.61 |
| 0.95  |          | 4.35 | 3.49 | 3.10 | 2.87 | 2.71 | 2.60 | 2.51 | 2.45 | 2.39 | 2.35 | 2.28 | 2.20 | 2.12 | 2.04 | 1.95 | 1.90 | 1.84 |
| 0.975 | 20       | 5.87 | 4.46 | 3.86 | 3.51 | 3.29 | 3.13 | 3.01 | 2.91 | 2.84 | 2.77 | 2.68 | 2.57 | 2.46 | 2.35 | 2.22 | 2.16 | 2.09 |
| 0.99  |          | 8.10 | 5.85 | 4.94 | 4.43 | 4.10 | 3.87 | 3.70 | 3.56 | 3.46 | 3.37 | 3.23 | 3.09 | 2.94 | 2.78 | 2.61 | 2.52 | 2.42 |
| 0.995 |          | 9.94 | 6.99 | 5.82 | 5.17 | 4.76 | 4.47 | 4.26 | 4.09 | 3.96 | 3.85 | 3.68 | 3.50 | 3.32 | 3.12 | 2.92 | 2.81 | 2.69 |
| 0.90  |          | 2.88 | 2.49 | 2.28 | 2.14 | 2.05 | 1.98 | 1.93 | 1.88 | 1.85 | 1.82 | 1.77 | 1.72 | 1.67 | 1.61 | 1.54 | 1.50 | 1.46 |
| 0.95  |          | 4.17 | 3.32 | 2.92 | 2.69 | 2.53 | 2.42 | 2.33 | 2.27 | 2.21 | 2.16 | 2.09 | 2.01 | 1.93 | 1.84 | 1.74 | 1.68 | 1.62 |
| 0.975 | 30       | 5.57 | 4.18 | 3.59 | 3.25 | 3.03 | 2.87 | 2.75 | 2.65 | 2.57 | 2.51 | 2.41 | 2.31 | 2.20 | 2.07 | 1.94 | 1.87 | 1.79 |
| 0.99  |          | 7.56 | 5.39 | 4.51 | 4.02 | 3.70 | 3.47 | 3.30 | 3.17 | 3.07 | 2.98 | 2.84 | 2.70 | 2.55 | 2.39 | 2.21 | 2.11 | 2.01 |
| 0.995 |          | 9.18 | 6.35 | 5.24 | 4.62 | 4.23 | 3.95 | 3.74 | 3.58 | 3.45 | 3.34 | 3.18 | 3.01 | 2.82 | 2.63 | 2.42 | 2.30 | 2.18 |
| 0.90  |          | 2.79 | 2.39 | 2.18 | 2.04 | 1.95 | 1.87 | 1.82 | 1.77 | 1.74 | 1.71 | 1.66 | 1.60 | 1.54 | 1.48 | 1.40 | 1.35 | 1.29 |
| 0.95  |          | 4.00 | 3.15 | 2.76 | 2.53 | 2.37 | 2.25 | 2.17 | 2.10 | 2.04 | 1.99 | 1.92 | 1.84 | 1.75 | 1.65 | 1.53 | 1.47 | 1.39 |
| 0.975 | 60       | 5.29 | 3.93 | 3.34 | 3.01 | 2.79 | 2.63 | 2.51 | 2.41 | 2.33 | 2.27 | 2.17 | 2.06 | 1.94 | 1.82 | 1.67 | 1.58 | 1.48 |
| 0.99  |          | 7.08 | 4.98 | 4.13 | 3.65 | 3.34 | 3.12 | 2.95 | 2.82 | 2.72 | 2.63 | 2.50 | 2.53 | 2.20 | 2.03 | 1.84 | 1.73 | 1.60 |
| 0.995 |          | 8.49 | 5.80 | 4.73 | 4.14 | 3.76 | 3.49 | 3.29 | 3.13 | 3.01 | 2.90 | 2.74 | 2.57 | 2.39 | 2.19 | 1.96 | 1.83 | 1.69 |
| 0.90  |          | 2.75 | 2.35 | 2.13 | 1.99 | 1.90 | 1.82 | 1.77 | 1.72 | 1.68 | 1.65 | 1.60 | 1.54 | 1.48 | 1.41 | 1.32 | 1.26 | 1.19 |
| 0.95  |          | 3.92 | 3.07 | 2.68 | 2.45 | 2.29 | 2.18 | 2.09 | 2.02 | 1.96 | 1.91 | 1.83 | 1.75 | 1.66 | 1.55 | 1.43 | 1.35 | 1.25 |
| 0.975 | 120      | 5.15 | 3.80 | 3.23 | 2.89 | 2.67 | 2.52 | 2.39 | 2.30 | 2.22 | 2.16 | 2.05 | 1.94 | 1.82 | 1.69 | 1.53 | 1.43 | 1.31 |
| 0.99  |          | 6.85 | 4.79 | 3.95 | 3.48 | 3.17 | 2.96 | 2.79 | 2.66 | 2.56 | 2.47 | 2.34 | 2.19 | 2.03 | 1.86 | 1.66 | 1.53 | 1.38 |
| 0.995 |          | 8.18 | 5.54 | 4.50 | 3.92 | 3.55 | 3.28 | 3.09 | 2.93 | 2.81 | 2.71 | 2.54 | 2.37 | 2.19 | 1.98 | 1.75 | 1.61 | 1.43 |
| 0.90  |          | 2.71 | 2.30 | 2.08 | 1.94 | 1.85 | 1.77 | 1.72 | 1.67 | 1.63 | 1.60 | 1.55 | 1.49 | 1.42 | 1.34 | 1.24 | 1.17 | 1.00 |
| 0.95  |          | 3.84 | 3.00 | 2.60 | 2.37 | 2.21 | 2.10 | 2.01 | 1.94 | 1.88 | 1.83 | 1.75 | 1.67 | 1.57 | 1.46 | 1.32 | 1.22 | 1.00 |
| 0.975 | $\infty$ | 5.02 | 3.69 | 3.12 | 2.79 | 2.57 | 2.41 | 2.29 | 2.19 | 2.11 | 2.05 | 1.94 | 1.83 | 1.71 | 1.57 | 1.39 | 1.27 | 1.00 |
| 0.99  |          | 6.63 | 4.61 | 3.78 | 3.32 | 3.02 | 2.80 | 2.64 | 2.51 | 2.41 | 2.32 | 2.18 | 2.04 | 1.88 | 1.70 | 1.47 | 1.32 | 1.00 |
| 0.995 |          | 7.88 | 5.30 | 4.28 | 3.72 | 3.35 | 3.09 | 2.90 | 2.74 | 2.62 | 2.52 | 2.36 | 2.19 | 2.00 | 1.79 | 1.53 | 1.36 | 1.00 |

$f_{1-}(v_1, v_2) = 1/f_1(v_2, v_1)$