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TABLES FOR THE TWO-SAMPLE MEDIAN TEST

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Summary. The paper contains tables for the non-parametric median test for two samples whose sizes m, n satisfy $3 \leq m \leq n, m + n \leq 41$. We tabulate the probabilities of the upper tail of the distribution up to the point where 10% is exceeded for the first time.

Description of the test. Let us have two random samples X_1, \dots, X_m and Y_1, \dots, Y_n with densities f_1 and f_2 , respectively, and suppose that the notation is chosen so that $m \leq n$. Our aim is to test the hypothesis H_0 that f_1 and f_2 are identical but otherwise arbitrary against the alternatives of shift in location expressed by $f_1(x) = f(x - \Delta)$, $f_2(x) = f(x)$, where $\Delta > 0$, or $\Delta < 0$ (one-sided alternatives), or $\Delta \neq 0$ (two-sided alternative).

The median test is performed very easily. First, we pool both samples and find the median of this pooled sample. (Since we assume the existence of densities, with probability 1 all the sample values are distinct and the median is defined uniquely.) More formally, if we put $X_{m+1} = Y_1, \dots, X_{m+n} = Y_n$, and if $X^{(1)} < X^{(2)} < \dots < X^{(m+n)}$ are the values of the pooled sample $X_1, \dots, X_m, X_{m+1}, \dots, X_{m+n}$ arranged in the order of their magnitude, then the median is $X^{((m+n+1)/2)}$ for $m + n$ odd, and $\frac{1}{2}[X^{((m+n)/2)} + X^{((m+n)/2+1)}]$ for $m + n$ even. The test statistic S of our median test is then equal to the number of the values X_i , $i = 1, \dots, m$, exceeding this median, increased in addition by 0.5 if and only if $m + n$ is odd and the median coincides with some value X_i , $i = 1, \dots, m$.

In a concise mathematical formula, we can write $S = \sum_{i=1}^m a_{m+n}(R_i)$, where R_i is the rank of X_i in the pooled sample $X_1, \dots, X_m, X_{m+1}, \dots, X_{m+n}$, and the scores a_{m+n} are given by $a_{m+n}(j) = \frac{1}{2}[\text{sign}(j - \frac{1}{2}(m + n + 1)) + 1]$ for $j = 1, \dots, m + n$.

We may note that the median test is asymptotically optimum (in the class of all tests) for the above-mentioned two-sample problem of shift in location, if f is of the double-exponential type, i.e. if $f(x) = (2\sigma)^{-1} e^{-|x-\mu|/\sigma}$ (cf. Hájek-Šidák [1], Section III.1.1).

Description of the table. Table 1 should be read one double-column after the other, and we tabulate here the upper tails of the distribution of the statistic S , under H_0 , for all pairs m, n such that $3 \leq m \leq n$, $m + n \leq 41$. In each double-column, following the heading m, n , the left column shows possible critical values c_α of S , while the right column shows the corresponding one-sided significance levels $\alpha = 100P\{S \geq c_\alpha\}$ (i.e. in per cents) rounded off to three decimal places. The tabulation begins by the largest c_α for which the corresponding α (rounded off to three decimal places) is > 0.000 , and continues with all possible consecutive values c_α of S until such c_α is reached for which the corresponding α exceeds for the first time 10.000%.

For the computation of Table 1 we used the formula

$$P\{S = k\} = \binom{\lceil \frac{1}{2}(m+n) \rceil}{k} \binom{\lceil \frac{1}{2}(m+n) \rceil}{m-k} \binom{m+n}{m}^{-1}$$

(where $\lceil x \rceil$ denotes the largest integer not exceeding x), valid for $k = 0, 1, \dots, m$ whenever $m + n$ is even and for $k = 0, \frac{1}{2}, \dots, m - \frac{1}{2}, m$ whenever $m + n$ is odd. (Cf. Hájek-Šidák [1], Theorem IV. 2.1.a.) The present author is deeply indebted to M. Nosál for programming the computation.

It may be observed further, that the distribution (under H_0) of S is symmetric about its mean value $ES = \frac{1}{2}m$, and its variance is

$$\begin{aligned} \text{var } S &= mn/[4(m+n-1)] \quad \text{for } m+n \text{ even,} \\ &= mn/[4(m+n)] \quad \text{for } m+n \text{ odd.} \end{aligned}$$

If we are testing H_0 against the one-sided alternative $\Delta > 0$ (i.e. f_1 is shifted to the right with respect to f_2), we use the critical region $\{S \geq c_\alpha\}$ and the corresponding significance level is the tabulated α . If we are testing against $\Delta < 0$ (i.e. f_1 is shifted to the left), we use the critical region $\{S \leq m - c_\alpha\}$ whose significance level is again α . If we are testing against the two-sided alternative $\Delta \neq 0$, we use the critical region $\{S \geq c_\alpha \text{ or } S \leq m - c_\alpha\}$ whose significance level is equal to 2α .

Example. Let one sample contain the values 81; 105; 33; 78; 126; 61; 88, the other sample the values 32; 83; 50; 59; 10; 45. For the application of our table we must have $m \leq n$, therefore the latter sample must be denoted as X_1, \dots, X_6 , and the former sample as Y_1, \dots, Y_7 . The median of the pooled sample is 61. The number of the values X_i exceeding 61 is 1; $m + n$ is odd but the median is one of the values Y_j , so that we shall not add the number 0.5. Therefore $S = 1$. In Table 1 we find for $m = 6, n = 7, c_\alpha = 5.0$ the one-sided significance level $\alpha = 2.506\%$. If we are testing against the one-sided alternative $\Delta < 0$, we use the critical region $\{S \leq 6 - 5\} = \{S \leq 1\}$ so that H_0 may be rejected at the level $\alpha = 2.506\%$. If we are testing against the two-sided alternative $\Delta \neq 0$, we use the critical region $\{S \geq 5 \text{ or } S \leq 1\}$ so that H_0 may be rejected at the level $2\alpha = 5.012\%$.

Remark on asymptotic normality. For large sizes m, n we may use the normal approximation, since the standardized test statistic $(S - \text{ES})/(\text{var } S)^{1/2}$ has (under H_0) asymptotically the standardized normal distribution whenever $m \rightarrow \infty, n \rightarrow \infty$ in an arbitrary manner (cf. Hájek-Šidák [1], Section III.1.1).

Remark on ties. In practice, equal observations sometimes occur in the samples. In this case, we may use e.g. the following “method of average scores” (cf. Hájek-Šidák [1], Section III.8.1). First, in each group of equal observations, the observations are arranged in some auxiliary ordering, and the median is then found as usually. The only trouble in calculating the value of S arises with the group of observations that are equal to the median; this group will be called the median group, and let it contain a values X_i , and b values Y_j . Further, in our auxiliary ordering, let the median group contain r values preceding the median, and s values exceeding the median.

If $m + n$ is even, the median group has $a + b = r + s$ values, and the average score in it is $(r \cdot 0 + s \cdot 1)/(r + s)$; hence S equals the number of X_i 's larger than the median, plus $as/(r + s)$.

If $m + n$ is odd, the median group has $a + b = r + s + 1$ values, and the average score in it is $(r \cdot 0 + \frac{1}{2} + s \cdot 1)/(r + s + 1)$; hence S equals the number of X_i 's larger than the median, plus $a(s + \frac{1}{2})/(r + s + 1)$.

If the median group does not contain too many observations, we can still use our Table 1 as an approximation.

Remark on related tests. Several closely related tests have been introduced in the past under the name “median test”. E.g. many authors define the “median test” statistic S_0 simply as the number of X_i 's larger than the median of the pooled sample (without possible adding $\frac{1}{2}$); however, the distribution of S_0 for $m + n$ odd is not symmetric. In the book [1] and in the present tables we have preferred the statistic S defined above, because the calculation of S is practically not more difficult than that of S_0 but S has two advantages: its distribution is always symmetric, and it offers, for $m + n$ odd, a richer choice of possible significance levels.

Still some other forms of the “median test” statistic have been employed, e.g. those arising from the expression of the problem as a 2×2 contingency table, or the statistic being equal to the number of X_i 's exceeding the median of Y_j 's (cf. Hájek-Šidák [1], Section III.1.1).

Reference

- [1] J. Hájek, Z. Šidák: Theory of rank tests. Academia, Prague & Academic Press, New York — London 1967.

Table 1. Critical values c_α of the median test statistic S and significance levels $100 P \{S \geq c_\alpha\}$
(i.e. in per cents)

$m = 3, n = 3$	$m = 3, n = 16$	$m = 3, n = 32$	$m = 4, n = 11$
3·0 5·000	3·0 8·669	3·0 10·390	4·0 2·564
2·0 50·000	2·5 12·384		3·5 5·128
		$m = 3, n = 33$	3·0 23·077
		3·0 11·429	
$m = 3, n = 4$	$m = 3, n = 17$	$m = 3, n = 34$	$m = 4, n = 12$
3·0 2·857	3·0 10·526	3·0 10·502	4·0 3·846
2·5 11·429			3·0 28·462
		$m = 3, n = 35$	$m = 4, n = 13$
		3·0 11·486	4·0 2·941
$m = 3, n = 5$	$m = 3, n = 18$	$m = 3, n = 36$	3·5 5·294
3·0 7·143	3·0 9·023	3·0 10·603	3·0 24·118
2·0 50·000	2·5 12·406		
		$m = 3, n = 37$	$m = 4, n = 14$
$m = 3, n = 6$	$m = 3, n = 19$	3·0 11·538	4·0 4·118
3·0 4·762	3·0 10·714		3·0 28·824
2·5 11·905			
		$m = 3, n = 38$	$m = 4, n = 15$
$m = 3, n = 7$	$m = 3, n = 20$	3·0 10·694	4·0 3·251
3·0 8·333	3·0 9·317		3·5 5·418
2·0 50·000	2·5 12·422		3·0 24·923
		$m = 3, n = 39$	$m = 4, n = 16$
$m = 3, n = 8$	$m = 3, n = 21$	3·0 11·538	4·0 4·334
3·0 6·061	3·0 10·870		3·0 29·102
2·5 12·121			
		$m = 3, n = 40$	$m = 4, n = 17$
$m = 3, n = 9$	$m = 3, n = 22$	3·0 16·667	4·0 3·509
3·0 9·091	3·0 9·565		3·5 5·514
2·0 50·000	2·5 12·435		3·0 25·564
		$m = 3, n = 41$	$m = 4, n = 18$
$m = 3, n = 10$	$m = 3, n = 23$	3·0 26·190	4·0 4·511
3·0 6·993	3·0 11·000		3·0 29·323
2·5 12·238			
		$m = 3, n = 42$	$m = 4, n = 19$
$m = 3, n = 11$	$m = 3, n = 24$	3·0 16·667	4·0 3·727
3·0 9·615	3·0 9·778		3·5 5·590
2·0 50·000	2·5 12·444		3·0 26·087
		$m = 3, n = 43$	$m = 4, n = 20$
$m = 3, n = 12$	$m = 3, n = 25$	3·0 19·697	4·0 4·658
3·0 7·692	3·0 11·111		3·0 29·503
2·5 12·308			
		$m = 3, n = 44$	$m = 4, n = 21$
$m = 3, n = 13$	$m = 3, n = 26$	3·0 27·273	4·0 3·913
3·0 10·000	3·0 9·962		3·5 5·652
2·0 50·000	2·5 12·452		3·0 26·522
		$m = 3, n = 45$	
$m = 3, n = 14$	$m = 3, n = 27$	3·0 21·678	
3·0 8·235	3·0 11·207		
2·5 12·353			
		$m = 3, n = 46$	
$m = 3, n = 15$	$m = 3, n = 28$	3·0 10·264	
3·0 10·294	3·0 10·122		
		$m = 3, n = 47$	
$m = 3, n = 16$	$m = 3, n = 29$	3·0 11·290	
3·0 11·364	3·0 10·294		
		$m = 3, n = 48$	
$m = 3, n = 17$	$m = 3, n = 30$	3·0 10·264	
3·0 11·364	3·0 11·364		
		$m = 3, n = 49$	
$m = 3, n = 18$	$m = 3, n = 31$	3·0 27·972	
3·0 11·364			

$m = 4, n = 22$ 4·0 4·783 3·0 29·652	$m = 4, n = 34$ 4·0 5·251 3·0 30·193	$m = 5, n = 12$ 5·0 0·905 4·5 2·036 4·0 11·086	$m = 5, n = 24$ 5·0 1·686 4·5 2·529 4·0 14·330
$m = 4, n = 23$ 4·0 4·074 3·5 5·704 3·0 26·889	$m = 4, n = 35$ 4·0 4·712 3·5 5·891 3·0 28·274	$m = 5, n = 13$ 5·0 1·471 4·0 14·706	$m = 5, n = 25$ 5·0 2·107 4·0 16·475
$m = 4, n = 24$ 4·0 4·889 3·0 29·778	$m = 4, n = 36$ 4·0 5·301 3·0 30·249	$m = 5, n = 14$ 5·0 1·084 4·5 2·167 4·0 11·920	$m = 5, n = 26$ 5·0 1·767 4·5 2·571 4·0 14·621
$m = 4, n = 25$ 4·0 4·215 3·5 5·747 3·0 27·203	$m = 4, n = 37$ 4·0 4·784 3·5 5·910 3·0 28·424	$m = 5, n = 15$ 5·0 1·625 4·0 15·170	$m = 5, n = 27$ 5·0 2·169 4·0 16·630
$m = 4, n = 26$ 4·0 4·981 3·0 29·885	$m = 5, n = 5$ 5·0 0·397 4·0 10·317	$m = 5, n = 16$ 5·0 1·238 4·5 2·270 4·0 12·590	$m = 5, n = 28$ 5·0 1·840 4·5 2·607 4·0 14·877
$m = 4, n = 27$ 4·0 4·338 3·5 5·784 3·0 27·475	$m = 5, n = 6$ 5·0 0·216 4·5 1·299 4·0 6·710 3·5 17·532	$m = 5, n = 17$ 5·0 1·754 4·0 15·539	$m = 5, n = 29$ 5·0 2·224 4·0 16·764
$m = 4, n = 28$ 4·0 5·061 3·0 29·978	$m = 5, n = 7$ 5·0 0·758 4·0 12·121	$m = 5, n = 18$ 5·0 1·373 4·5 2·354 4·0 13·142	$m = 5, n = 30$ 5·0 1·906 4·5 2·639 4·0 15·103
$m = 4, n = 29$ 4·0 4·448 3·5 5·816 3·0 27·713	$m = 5, n = 8$ 5·0 0·466 4·5 1·632 4·0 8·625 3·5 17·949	$m = 5, n = 19$ 5·0 1·863 4·0 15·839	$m = 5, n = 31$ 5·0 2·273 4·0 16·883
$m = 4, n = 30$ 4·0 5·132 3·0 30·059	$m = 5, n = 9$ 5·0 1·049 4·0 13·287	$m = 5, n = 20$ 5·0 1·491 4·5 2·422 4·0 13·602	$m = 5, n = 32$ 5·0 1·966 4·5 2·668 4·0 15·304
$m = 4, n = 31$ 4·0 4·545 3·5 5·844 3·0 27·922	$m = 5, n = 10$ 5·0 0·699 4·5 1·865 4·0 10·023	$m = 5, n = 21$ 5·0 1·957 4·0 16·087	$m = 5, n = 33$ 5·0 2·317 4·0 16·988
$m = 4, n = 32$ 4·0 5·195 3·0 30·130	$m = 5, n = 11$ 5·0 1·282 4·0 14·103	$m = 5, n = 22$ 5·0 1·594 4·5 2·480 4·0 13·994	$m = 5, n = 34$ 5·0 2·020 4·5 2·693 4·0 15·484
$m = 4, n = 33$ 4·0 4·633 3·5 5·869 3·0 28·108		$m = 5, n = 23$ 5·0 2·037 4·0 16·296	$m = 5, n = 35$ 5·0 2·356 4·0 17·082

$m = 5, n = 36$	$m = 6, n = 14$	$m = 6, n = 23$	$m = 6, n = 32$
5·0 2·069	6·0 0·542	6·0 0·632	6·0 0·983
4·5 2·715	5·0 7·043	5·5 1·054	5·0 8·986
4·0 15·646	4·0 31·424	5·0 6·954	4·0 32·994
$m = 6, n = 6$	$m = 6, n = 15$	$m = 6, n = 24$	$m = 6, n = 33$
6·0 0·108	6·0 0·387	6·0 0·843	6·0 0·832
5·0 4·004	5·5 0·851	5·0 8·429	5·5 1·188
4·0 28·355	5·0 5·495	4·5 9·904	5·0 7·960
$m = 6, n = 7$	$m = 6, n = 16$	$m = 6, n = 25$	$m = 6, n = 34$
6·0 0·058	6·0 0·619	6·0 0·680	6·0 1·010
5·5 0·408	5·5 0·915	5·5 1·088	5·0 9·088
5·0 2·506	5·0 7·430	5·0 7·206	4·0 33·071
4·5 7·751	4·0 31·756	4·5 9·986	$m = 6, n = 35$
4·0 20·862	$m = 6, n = 17$	4·0 29·452	6·0 0·862
$m = 6, n = 8$	6·0 0·458	$m = 6, n = 26$	5·5 1·207
6·0 0·233	5·5 0·915	6·0 0·884	5·0 8·103
5·0 5·128	5·0 5·950	5·0 8·596	4·5 10·258
4·0 29·604	4·5 9·546	4·0 32·697	$m = 7, n = 7$
$m = 6, n = 9$	4·0 27·525	$m = 6, n = 27$	7·0 0·029
6·0 0·140	$m = 6, n = 18$	6·0 0·723	6·0 1·457
5·5 0·559	6·0 0·686	5·5 1·117	5·0 14·307
5·0 3·497	5·0 7·748	5·0 7·427	$m = 7, n = 8$
4·5 8·392	4·0 32·020	4·5 10·057	7·0 0·016
4·0 23·077	$m = 6, n = 19$	$m = 6, n = 28$	6·5 0·124
$m = 6, n = 10$	6·0 0·522	6·0 0·920	6·0 0·886
6·0 0·350	5·5 0·969	5·0 8·742	5·5 3·170
5·0 5·944	5·0 6·335	4·0 32·809	5·0 10·023
4·0 30·420	4·5 9·689	$m = 6, n = 29$	$m = 7, n = 9$
$m = 6, n = 11$	4·0 28·137	6·0 0·762	7·0 0·070
6·0 0·226	$m = 6, n = 20$	5·5 1·144	6·0 2·028
5·5 0·679	6·0 0·745	5·0 7·625	5·0 15·734
5·0 4·299	5·0 8·012	4·5 10·117	$m = 7, n = 10$
4·5 8·824	4·0 32·236	$m = 6, n = 30$	7·0 0·041
4·0 24·661	$m = 6, n = 21$	6·0 0·953	6·5 0·185
$m = 6, n = 12$	6·0 0·580	5·0 8·871	6·0 1·337
6·0 0·452	5·5 1·014	4·0 32·907	5·5 3·640
5·0 6·561	5·0 6·667	$m = 6, n = 31$	5·0 11·703
4·0 30·995	4·5 9·807	6·0 0·799	$m = 7, n = 11$
$m = 6, n = 13$	4·0 28·647	5·5 1·167	7·0 0·113
6·0 0·310	$m = 6, n = 22$	5·0 7·801	6·0 2·489
5·5 0·774	6·0 0·797	4·5 10·170	5·0 16·742
5·0 4·954	5·0 8·237		
4·5 9·133	4·0 32·415		
4·0 25·851			

$m = 7, n = 12$	$m = 7, n = 21$	$m = 7, n = 30$	$m = 8, n = 11$
7.0 0.071	7.0 0.290	7.0 0.309	8.0 0.012
6.5 0.238	6.0 3.841	6.5 0.489	7.5 0.060
6.0 1.739	5.0 19.227	6.0 3.735	7.0 0.488
5.5 3.989		5.5 5.233	6.5 1.488
5.0 12.991		5.0 17.966	6.0 5.489
$m = 7, n = 13$	$m = 7, n = 22$	$m = 7, n = 31$	$m = 8, n = 12$
7.0 0.155	7.0 0.220	7.0 0.399	8.0 0.036
6.0 2.864	6.5 0.412	6.0 4.484	7.0 0.988
5.0 17.492	6.0 3.106	5.0 20.240	6.0 8.490
	5.5 4.902		5.0 32.496
$m = 7, n = 14$	$m = 7, n = 23$	$m = 7, n = 32$	$m = 8, n = 13$
7.0 0.103	7.0 0.316	7.0 0.328	8.0 0.022
6.5 0.284	6.0 4.004	6.5 0.504	7.5 0.081
6.0 2.090	5.0 19.492	6.0 3.856	7.0 0.671
5.5 4.257		5.5 5.292	6.5 1.703
5.0 14.009		5.0 18.220	6.0 6.347
$m = 7, n = 15$	$m = 7, n = 24$	$m = 7, n = 33$	$m = 8, n = 14$
7.0 0.193	7.0 0.245	7.0 0.416	8.0 0.052
6.0 3.173	6.5 0.435	6.0 4.574	7.0 1.187
5.0 18.073	6.0 3.290	5.0 20.374	6.0 9.133
	5.5 5.003		5.0 32.972
$m = 7, n = 16$	$m = 7, n = 25$	$m = 7, n = 34$	$m = 8, n = 15$
7.0 0.135	7.0 0.340	7.0 0.345	8.0 0.034
6.5 0.323	6.0 4.147	6.5 0.517	7.5 0.101
6.0 2.396	5.0 19.719	6.0 3.965	7.0 0.841
5.5 4.469		5.5 5.345	6.5 1.878
5.0 14.834		5.0 18.447	6.0 7.060
$m = 7, n = 17$	$m = 7, n = 26$	$m = 8, n = 8$	$m = 8, n = 16$
7.0 0.229	7.0 0.268	8.0 0.008	8.0 0.067
6.0 3.432	6.5 0.455	7.0 0.505	7.0 1.360
5.0 18.535	6.0 3.454	6.0 6.597	6.0 9.651
	5.5 5.090	5.0 30.963	5.0 33.342
$m = 7, n = 18$	$m = 7, n = 27$	$m = 8, n = 9$	$m = 8, n = 17$
7.0 0.165	7.0 0.362	8.0 0.004	8.0 0.046
6.5 0.357	6.0 4.272	7.5 0.037	7.5 0.119
6.0 2.664	5.0 19.916	7.0 0.300	7.0 0.998
5.5 4.641		6.5 1.222	6.5 2.023
5.0 15.515		6.0 4.447	6.0 7.661
$m = 7, n = 19$	$m = 7, n = 28$	$m = 8, n = 10$	$m = 8, n = 18$
7.0 0.261	7.0 0.289	8.0 0.021	8.0 0.071
6.0 3.652	6.5 0.473	7.0 0.761	7.0 1.360
5.0 18.913	6.0 3.602	6.0 7.672	6.0 9.651
	5.5 5.166	5.0 31.859	5.0 33.342
$m = 7, n = 20$	$m = 7, n = 29$	$m = 8, n = 11$	
7.0 0.193	5.0 17.681	8.0 0.021	
6.5 0.386		7.0 0.761	
6.0 2.899	7.0 0.381	6.0 7.672	
5.5 4.783	6.0 4.384	5.0 31.859	
5.0 16.087	5.0 20.088		

$m = 8, n = 18$	$m = 8, n = 26$	$m = 9, n = 9$	$m = 9, n = 16$
8·0 0·082	8·0 0·134	9·0 0·002	9·0 0·011
7·0 1·510	7·0 1·955	8·0 0·169	8·5 0·035
6·0 10·078	6·0 11·225	7·0 2·834	8·0 0·326
		6·0 17·347	7·5 0·791
$m = 8, n = 19$	$m = 8, n = 27$	$m = 9, n = 10$	$m = 9, n = 17$
8·0 0·058	8·0 0·103	9·0 0·001	9·0 0·023
7·5 0·135	7·5 0·186	8·5 0·011	8·0 0·558
7·0 1·140	7·0 1·591	8·0 0·099	7·0 4·842
6·5 2·145	6·5 2·485	7·5 0·449	6·0 20·549
6·0 8·174	6·0 9·636	7·0 1·852	
5·5 12·696	5·5 13·212	6·5 5·126	
		6·0 12·764	
$m = 8, n = 20$	$m = 8, n = 28$	$m = 9, n = 11$	$m = 9, n = 18$
8·0 0·097	8·0 0·145	9·0 0·006	9·0 0·015
7·0 1·643	7·0 2·038	8·0 0·274	8·5 0·043
6·0 10·435	6·0 11·424	7·0 3·489	8·0 0·400
		6·0 18·492	7·5 0·876
$m = 8, n = 21$	$m = 8, n = 29$	$m = 9, n = 12$	7·0 3·732
8·0 0·070	8·0 0·113	9·0 0·003	6·5 6·587
7·5 0·150	7·5 0·196	8·5 0·019	6·0 17·059
7·0 1·269	7·0 1·679	8·0 0·172	
6·5 2·249	6·5 2·545	7·5 0·580	
6·0 8·616	6·0 9·902	7·0 2·417	
5·5 12·860	5·5 13·297	6·5 5·632	
		6·0 14·206	
$m = 8, n = 22$	$m = 8, n = 30$	$m = 9, n = 13$	$m = 9, n = 19$
8·0 0·110	8·0 0·155	9·0 0·011	9·0 0·029
7·0 1·759	7·0 2·112	8·0 0·376	8·0 0·638
6·0 10·738	6·0 11·599	7·0 4·025	7·0 5·159
		6·0 19·350	6·0 20·986
$m = 8, n = 23$	$m = 8, n = 31$	$m = 9, n = 14$	$m = 9, n = 20$
8·0 0·082	8·0 0·123	9·0 0·007	9·0 0·020
7·5 0·163	7·5 0·205	8·5 0·027	8·5 0·050
7·0 1·387	7·0 1·761	8·0 0·249	8·0 0·470
6·5 2·338	6·5 2·599	7·5 0·693	7·5 0·950
6·0 9·000	6·0 10·140	7·0 2·914	7·0 4·068
5·5 12·997		6·5 6·024	6·5 6·797
		6·0 15·352	6·0 17·711
$m = 8, n = 24$	$m = 8, n = 32$	$m = 9, n = 21$	
8·0 0·122	8·0 0·164	9·0 0·035	
7·0 1·863	7·0 2·180	8·0 0·710	
6·0 10·999	6·0 11·756	7·0 5·432	
		6·0 21·349	
$m = 8, n = 25$	$m = 8, n = 33$	$m = 9, n = 22$	
8·0 0·093	8·0 0·132	9·0 0·025	
7·5 0·175	7·5 0·213	8·5 0·057	
7·0 1·493	7·0 1·836	8·0 0·536	
6·5 2·416	6·5 2·647	7·5 1·014	
6·0 9·338	6·0 10·354	7·0 4·366	
5·5 13·113		6·5 6·973	
		6·0 18·269	

$m = 9, n = 23$	$m = 9, n = 30$	$m = 10, n = 20$	
9.0 0.041	9.0 0.044	7.5 2.597	10.0 0.010
8.0 0.775	8.5 0.079	7.0 7.356	9.0 0.260
7.0 5.669	8.0 0.757	6.5 14.019	8.0 2.509
6.0 21.657	7.5 1.209		7.0 12.254
$m = 9, n = 24$	$m = 9, n = 31$	$m = 10, n = 14$	
9.0 0.030	7.0 5.275	10.0 0.003	$m = 10, n = 21$
8.5 0.063	6.5 7.464	9.0 0.138	10.0 0.007
8.0 0.597	6.0 19.870	8.0 1.804	9.5 0.018
7.5 1.072		7.0 10.688	9.0 0.187
7.0 4.631	$m = 9, n = 32$	$m = 10, n = 15$	8.5 0.405
6.5 7.123	9.0 0.061	10.0 0.002	8.0 1.928
6.0 18.750	8.0 0.983	9.5 0.009	7.5 3.452
	7.0 6.369	9.0 0.090	7.0 10.053
$m = 9, n = 25$	6.0 22.529		
9.0 0.046		8.5 0.271	$m = 10, n = 22$
8.0 0.834	9.0 0.048	8.0 1.271	10.0 0.012
7.0 5.877	8.5 0.084	7.5 2.870	9.0 0.296
6.0 21.922	8.0 0.803	7.0 8.200	8.0 2.690
	7.5 1.246	6.5 14.419	7.0 12.621
$m = 9, n = 26$	$m = 10, n = 10$	$m = 10, n = 16$	$m = 10, n = 23$
9.0 0.034	7.0 5.450	10.0 0.005	10.0 0.009
8.5 0.069	6.5 7.552	9.0 0.180	9.5 0.021
8.0 0.654	6.0 20.164	8.0 2.070	9.0 0.219
7.5 1.122		7.0 11.310	8.5 0.441
7.0 4.868	$m = 10, n = 11$	$m = 10, n = 17$	8.0 2.110
6.5 7.252	10.0 0.001	10.0 0.003	7.5 3.593
6.0 19.171	9.0 0.055	9.5 0.012	7.0 10.514
	8.0 1.151		
$m = 9, n = 27$	7.0 8.945	$m = 10, n = 18$	$m = 10, n = 24$
9.0 0.052	6.0 32.814	9.0 0.122	10.0 0.015
8.0 0.888		8.5 0.320	9.0 0.330
7.0 6.060	9.5 0.003	8.0 1.510	8.0 2.851
6.0 22.151	9.0 0.031	7.5 3.097	7.0 12.937
	8.5 0.159	7.0 8.914	
$m = 9, n = 28$	8.0 0.733	6.5 14.732	$m = 10, n = 25$
9.0 0.039	7.5 2.264		10.0 0.011
8.5 0.074	7.0 6.347	10.0 0.008	9.5 0.024
8.0 0.707	6.5 13.491	9.0 0.221	9.0 0.249
7.5 1.168		8.0 2.304	8.5 0.474
7.0 5.082	$m = 10, n = 12$	7.0 11.823	8.0 2.275
6.5 7.365	10.0 0.002		7.5 3.716
6.0 19.542	9.0 0.095	10.0 0.005	7.0 10.920
	8.0 1.499	9.5 0.015	
$m = 9, n = 29$	7.0 9.919	9.0 0.155	$m = 10, n = 26$
9.0 0.057	6.0 33.496	8.5 0.365	10.0 0.017
8.0 0.938		8.0 1.729	9.0 0.362
7.0 6.223	$m = 10, n = 13$	7.5 3.288	8.0 2.995
6.0 22.352	10.0 0.001	7.0 9.525	7.0 13.212
	9.5 0.006	6.5 14.983	
	9.0 0.059		
	8.5 0.217		

$m = 10, n = 27$	8.0 2.963	8.5 1.442	10.0 0.087
10.0 0.013	7.5 6.990	8.0 4.601	9.5 0.186
9.5 0.027	7.0 15.044	7.5 8.212	9.0 0.978
9.0 0.278		7.0 18.142	8.5 1.771
8.5 0.504			8.0 5.733
8.0 2.426	$m = 11, n = 13$	$m = 11, n = 19$	7.5 8.902
7.5 3.824	10.0 0.032	11.0 0.002	7.0 19.996
7.0 11.279	9.0 0.614	10.0 0.085	
	8.0 4.977	9.0 1.047	$m = 11, n = 25$
	7.0 20.682	8.0 6.407	11.0 0.005
$m = 10, n = 28$		7.0 22.486	10.0 0.136
10.0 0.020	$m = 11, n = 14$	$m = 11, n = 20$	9.0 1.375
9.0 0.391	10.5 0.002	11.0 0.002	8.0 7.318
8.0 3.125	10.0 0.020	10.5 0.005	7.0 23.526
7.0 13.453	9.5 0.079		
	9.0 0.404	$m = 11, n = 26$	$m = 11, n = 27$
$m = 10, n = 29$	8.5 1.137	10.0 0.058	11.0 0.004
10.0 0.015	8.0 3.581	9.5 0.147	10.5 0.009
9.5 0.029	7.5 7.490	9.0 0.768	10.0 0.101
9.0 0.305	7.0 16.285	8.5 1.566	9.5 0.203
8.5 0.531		8.0 5.024	9.0 1.073
8.0 2.564	$m = 11, n = 15$	7.5 8.482	8.5 1.856
7.5 3.919	11.0 0.001	7.0 18.855	8.0 6.033
7.0 11.599	10.0 0.049		7.5 9.070
	9.0 0.771	$m = 11, n = 21$	7.0 20.460
$m = 10, n = 30$	8.0 5.535	11.0 0.003	$m = 11, n = 28$
10.0 0.022	7.0 21.415	10.0 0.103	11.0 0.006
9.0 0.418		9.0 1.167	10.0 0.152
8.0 3.242	$m = 11, n = 16$	8.0 6.753	9.0 1.465
7.0 13.667	11.0 0.001	7.0 22.890	8.0 7.551
	10.5 0.003	$m = 11, n = 22$	7.0 23.782
$m = 10, n = 31$	10.0 0.031	11.0 0.002	$m = 11, n = 29$
10.0 0.016	9.5 0.103	10.5 0.006	11.0 0.005
9.5 0.031	9.0 0.530	10.0 0.073	10.5 0.010
9.0 0.331	8.5 1.300	9.5 0.167	10.0 0.115
8.5 0.556	8.0 4.123	9.0 0.876	9.5 0.219
8.0 2.691	7.5 7.888	8.5 1.674	9.0 1.162
7.5 4.004	7.0 17.298	8.0 5.398	8.5 1.933
7.0 11.887		7.5 8.709	8.0 6.303
$m = 11, n = 11$	$m = 11, n = 17$	7.0 19.467	7.5 9.216
10.0 0.017	11.0 0.002	$m = 11, n = 23$	7.0 20.869
9.0 0.446	10.0 0.067	11.0 0.004	
8.0 4.305	9.0 0.915	10.0 0.120	$m = 11, n = 29$
7.0 19.743	8.0 6.006	9.0 1.275	11.0 0.007
	7.0 22.004	8.0 7.054	10.0 0.167
$m = 11, n = 12$	$m = 11, n = 18$	7.0 23.232	9.0 1.548
10.5 0.001	11.0 0.001	$m = 11, n = 24$	8.0 7.759
10.0 0.010	10.5 0.004	11.0 0.003	7.0 24.006
9.5 0.055	10.0 0.044	10.5 0.008	
9.0 0.278	9.5 0.125		
8.5 0.950	9.0 0.652		

$m = 11, n = 30$	$m = 12, n = 17$	$m = 12, n = 23$	$m = 12, n = 29$
11.0 0.005	11.5 0.001	12.0 0.001	12.0 0.002
10.5 0.011	11.0 0.011	11.5 0.002	11.5 0.004
10.0 0.128	10.5 0.038	11.0 0.027	11.0 0.046
9.5 0.234	10.0 0.213	10.5 0.067	10.5 0.093
9.0 1.244	9.5 0.564	10.0 0.384	10.0 0.537
8.5 2.002	9.0 1.968	9.5 0.780	9.5 0.941
8.0 6.547	8.5 4.075	9.0 2.761	9.0 3.366
7.5 9.344	8.0 9.867	8.5 4.742	8.5 5.184
7.0 21.232	7.5 16.487	8.0 11.676	8.0 12.911
$m = 12, n = 12$	$m = 12, n = 18$	$m = 12, n = 24$	$m = 13, n = 13$
11.0 0.005	12.0 0.001	12.0 0.001	12.0 0.002
10.0 0.166	11.0 0.024	11.0 0.047	11.0 0.060
9.0 1.956	10.0 0.389	10.0 0.582	10.0 0.847
8.0 11.017	9.0 3.022	9.0 3.752	9.0 5.762
	8.0 13.177	8.0 14.449	8.0 21.688
$m = 12, n = 13$	$m = 12, n = 19$	$m = 12, n = 25$	$m = 13, n = 14$
11.0 0.003	11.5 0.001	12.0 0.001	12.0 0.001
10.5 0.018	11.0 0.016	11.5 0.003	11.5 0.006
10.0 0.102	10.5 0.048	11.0 0.034	11.0 0.036
9.5 0.381	10.0 0.271	10.5 0.076	10.5 0.148
9.0 1.312	9.5 0.644	10.0 0.438	10.0 0.555
8.5 3.406	9.0 2.257	9.5 0.839	9.5 1.575
8.0 8.118	8.5 4.332	9.0 2.981	9.0 4.123
7.5 15.657	8.0 10.556	8.5 4.908	8.5 8.711
		8.0 12.136	8.0 16.969
$m = 12, n = 14$	$m = 12, n = 20$	$m = 12, n = 26$	$m = 13, n = 15$
11.0 0.011	12.0 0.001	12.0 0.002	12.0 0.003
10.0 0.242	11.0 0.032	11.0 0.055	11.0 0.092
9.0 2.359	10.0 0.457	10.0 0.638	10.0 1.065
8.0 11.887	9.0 3.295	9.0 3.945	9.0 6.417
	8.0 13.668	8.0 14.765	8.0 22.474
$m = 12, n = 15$	$m = 12, n = 21$	$m = 12, n = 27$	$m = 13, n = 16$
11.5 0.001	12.0 0.001	12.0 0.001	12.0 0.002
11.0 0.006	11.5 0.002	11.5 0.003	11.5 0.010
10.5 0.028	11.0 0.021	11.0 0.040	11.0 0.058
10.0 0.156	10.5 0.058	10.5 0.085	10.5 0.193
9.5 0.477	10.0 0.328	10.0 0.489	10.0 0.729
9.0 1.653	9.5 0.715	9.5 0.893	9.5 1.803
8.5 3.771	9.0 2.521	9.0 3.182	9.0 4.756
8.0 9.064	8.5 4.552	8.5 5.054	8.5 9.186
7.5 16.122	8.0 11.154	8.0 12.545	8.0 18.045
$m = 12, n = 16$	$m = 12, n = 22$	$m = 12, n = 28$	$m = 13, n = 17$
11.0 0.017	12.0 0.001	12.0 0.002	12.0 0.006
10.0 0.316	11.0 0.039	11.0 0.062	11.0 0.125
9.0 2.712	10.0 0.522	10.0 0.691	10.0 1.266
8.0 12.593	9.0 3.536	9.0 4.118	9.0 6.971
	8.0 14.088	8.0 15.042	8.0 23.107

$m = 13, n = 18$	9·0 8·209	$m = 14, n = 14$	$m = 14, n = 20$
12·0 0·004	8·0 24·434	12·0 0·021	13·0 0·003
11·5 0·014		11·0 0·351	12·0 0·063
11·0 0·083		10·0 2·849	11·0 0·668
10·5 0·236		9·0 12·840	10·0 3·993
10·0 0·898			9·0 14·800
9·5 2·002			
9·0 5·315			
8·5 9·574			
8·0 18·943			
$m = 13, n = 19$		$m = 14, n = 15$	$m = 14, n = 21$
12·0 0·009		12·5 0·002	13·0 0·002
11·0 0·159		12·0 0·013	12·5 0·006
10·0 1·450		11·5 0·055	12·0 0·043
9·0 7·444		11·0 0·226	11·5 0·115
8·0 23·627		10·5 0·696	11·0 0·478
		10·0 1·988	10·5 1·048
$m = 13, n = 20$		9·5 4·572	10·0 3·043
12·0 0·005		9·0 9·739	9·5 5·537
11·5 0·018		8·5 17·491	9·0 12·021
11·0 0·109			
10·5 0·277		$m = 14, n = 16$	$m = 14, n = 22$
10·0 1·059		13·0 0·001	13·0 0·004
9·5 2·177		12·0 0·034	12·0 0·079
9·0 5·810		11·0 0·461	11·0 0·763
8·5 9·896		10·0 3·280	10·0 4·290
8·0 19·704		9·0 13·615	9·0 15·263
$m = 13, n = 21$		$m = 14, n = 17$	$m = 14, n = 23$
12·0 0·012		13·0 0·001	13·0 0·003
11·0 0·193		12·5 0·003	12·5 0·008
10·0 1·618		12·0 0·021	12·0 0·055
9·0 7·853		11·5 0·075	11·5 0·134
8·0 24·063		11·0 0·309	11·0 0·560
		10·5 0·825	10·5 1·144
$m = 13, n = 22$		10·0 2·371	10·0 3·337
12·5 0·001		9·5 4·947	9·5 5·773
12·0 0·008		9·0 10·615	9·0 12·594
11·5 0·022			
11·0 0·136		$m = 14, n = 18$	$m = 14, n = 24$
10·5 0·315		13·0 0·002	13·0 0·005
10·0 1·211		12·0 0·048	12·0 0·095
9·5 2·331		11·0 0·567	11·0 0·852
9·0 6·250		10·0 3·659	10·0 4·555
8·5 10·169		9·0 14·258	9·0 15·664
$m = 13, n = 23$		$m = 14, n = 19$	$m = 14, n = 25$
12·0 0·015		13·0 0·001	13·0 0·004
11·0 0·226		12·5 0·005	12·5 0·010
10·0 1·771		12·0 0·031	12·0 0·067
		11·5 0·095	11·5 0·153
		11·0 0·394	11·0 0·638
		10·5 0·942	10·5 1·232
		10·0 2·722	10·0 3·605
		9·5 5·265	9·5 5·979
		9·0 11·367	9·0 13·100

$m = 14, n = 26$	10.0 5.907 9.5 10.725	$m = 15, n = 24$	$m = 16, n = 18$
13.0 0.007 12.0 0.110 11.0 0.935 10.0 4.792 9.0 16.013		14.0 0.001 13.5 0.003 13.0 0.021 12.5 0.056 12.0 0.250 11.5 0.541 11.0 1.707 10.5 3.131 10.0 7.403 9.5 11.676	14.0 0.004 13.0 0.078 12.0 0.746 11.0 4.221 10.0 15.141
$m = 14, n = 27$	11.0 1.832 10.0 8.316 9.0 24.526	$m = 15, n = 19$	$m = 16, n = 19$
13.0 0.005 12.5 0.012 12.0 0.080 11.5 0.170 11.0 0.714 10.5 1.311 10.0 3.851 9.5 6.161 9.0 13.550		14.0 0.001 13.5 0.003 13.0 0.011 12.5 0.038 12.0 0.167 11.5 0.426 11.0 1.333 10.5 2.758 10.0 6.463 9.5 11.095	14.0 0.003 13.5 0.011 13.0 0.050 12.5 0.154 12.0 0.517 11.5 1.242 11.0 3.129 10.5 6.093 10.0 12.021
$m = 15, n = 15$	11.0 1.342 10.0 7.156 9.0 23.305	$m = 15, n = 20$	$m = 16, n = 20$
13.0 0.007 12.0 0.141 11.0 0.297 10.0 2.046 9.0 8.779 12.5 0.025 12.0 0.297 11.0 2.046 10.0 8.779 9.0 24.990		14.0 0.002 13.5 0.004 13.0 0.027 12.5 0.065 12.0 0.291 11.5 0.593 11.0 1.876 10.5 3.287 10.0 7.803 9.5 11.908	14.0 0.007 13.0 0.102 12.0 0.880 11.0 4.611 10.0 15.726
$m = 15, n = 16$	$m = 15, n = 21$	$m = 16, n = 21$	
13.5 0.001 13.0 0.004 12.5 0.020 12.0 0.089 11.5 0.296 11.0 0.916 10.5 2.280 10.0 5.280 9.5 10.281	14.0 0.001 13.5 0.002 13.0 0.016 12.5 0.047 12.0 0.208 11.5 0.486 11.0 1.526 10.5 2.956 10.0 6.959 9.5 11.408	14.0 0.001 13.5 0.004 13.0 0.027 12.5 0.065 12.0 0.291 11.5 0.593 11.0 1.876 10.5 3.287 10.0 7.803 9.5 11.908	14.5 0.001 14.0 0.004 13.5 0.014 13.0 0.069 12.5 0.186 12.0 0.627 11.5 1.384 11.0 3.501 10.5 6.413 10.0 12.722
$m = 15, n = 17$	$m = 15, n = 22$	$m = 16, n = 16$	$m = 16, n = 22$
13.0 0.012 12.0 0.192 11.0 1.598 10.0 7.781 9.0 23.974	14.0 0.001 13.5 0.002 13.0 0.016 12.5 0.047 12.0 0.208 11.5 0.486 11.0 1.526 10.5 2.956 10.0 6.959 9.5 11.408	14.0 0.002 13.0 0.055 12.0 0.606 11.0 3.780 10.0 14.449	14.0 0.009 13.0 0.127 12.0 1.006 11.0 4.957 10.0 16.227
$m = 15, n = 18$	$m = 15, n = 23$	$m = 16, n = 17$	
13.5 0.001 13.0 0.008 12.5 0.029 12.0 0.127 11.5 0.363 11.0 1.129 10.5 2.534	14.0 0.001 13.0 0.031 12.0 0.347 11.0 2.241 10.0 9.184 9.0 25.384	14.0 0.001 13.5 0.007 13.0 0.034 12.5 0.121 12.0 0.405 11.5 1.087 11.0 2.722 10.5 5.720 10.0 11.216	14.0 0.007 13.0 0.127 12.0 1.006 11.0 4.957 10.0 16.227

$m = 16, n = 23$	$m = 17, n = 19$	$m = 17, n = 24$	$m = 18, n = 22$
14.5 0.001	15.0 0.001	15.0 0.002	16.0 0.001
14.0 0.006	14.0 0.031	14.5 0.007	15.0 0.016
13.5 0.018	13.0 0.335	14.0 0.036	14.0 0.182
13.0 0.088	12.0 2.186	13.5 0.095	13.0 1.242
12.5 0.218	11.0 9.057	13.0 0.342	12.0 5.548
12.0 0.735	10.0 25.254	12.5 0.745	11.0 17.032
11.5 1.512		12.0 2.033	
11.0 3.843		11.5 3.751	$m = 18, n = 23$
10.5 6.691		11.0 8.046	16.0 0.001
10.0 13.338		10.5 12.770	15.5 0.002
			15.0 0.011
$m = 16, n = 24$	$m = 17, n = 20$	$m = 18, n = 18$	14.5 0.033
15.0 0.001	15.0 0.001	15.0 0.008	14.0 0.125
14.0 0.012	14.5 0.004	14.0 0.111	13.5 0.311
13.0 0.153	14.0 0.020	13.0 0.920	13.0 0.906
12.0 1.124		12.0 4.717	12.5 1.872
11.0 5.267		11.0 15.877	12.0 4.288
10.0 16.661	13.5 0.063		11.5 7.509
	13.0 0.228		11.0 13.951
	12.5 0.585		
	12.0 1.585		
	11.5 3.300		
	11.0 7.014		
	10.5 12.121		
$m = 16, n = 25$	$m = 17, n = 21$	$m = 18, n = 19$	$m = 19, n = 19$
14.5 0.001	15.0 0.002	15.5 0.001	16.0 0.003
14.0 0.008	14.0 0.042	15.0 0.005	15.0 0.045
13.5 0.023	13.0 0.407	14.5 0.019	14.0 0.428
13.0 0.108	12.0 2.443	14.0 0.072	13.0 2.511
12.5 0.248	11.0 9.568	13.5 0.220	12.0 9.694
12.0 0.840	10.0 25.741	13.0 0.635	11.0 25.856
11.5 1.629		12.5 1.535	
11.0 4.155		12.0 3.486	
10.5 6.934		11.5 6.828	
10.0 13.882		11.0 12.559	$m = 19, n = 20$
			16.0 0.002
$m = 17, n = 17$	$m = 17, n = 22$	$m = 18, n = 20$	15.5 0.007
15.0 0.001	15.0 0.001	16.0 0.001	15.0 0.029
14.0 0.021	14.5 0.005	15.0 0.012	14.5 0.094
13.0 0.263	14.0 0.027	14.0 0.146	14.0 0.290
12.0 1.904	13.5 0.079	13.0 1.085	13.5 0.748
11.0 8.468	13.0 0.285	12.0 5.157	13.0 1.816
10.0 24.675	12.5 0.668	11.0 16.499	12.5 3.800
	12.0 1.816		12.0 7.484
	11.5 3.539		11.5 13.009
	11.0 7.558		
	10.5 12.471		
$m = 17, n = 18$	$m = 17, n = 23$	$m = 18, n = 21$	$m = 19, n = 21$
14.5 0.003	15.0 0.003	15.5 0.001	16.0 0.004
14.0 0.013	14.0 0.053	15.0 0.007	15.0 0.062
13.5 0.048	13.0 0.477	14.5 0.025	14.0 0.519
13.0 0.173	12.0 2.678	14.0 0.098	13.0 2.808
12.5 0.498	11.0 10.014	13.5 0.266	12.0 10.246
12.0 1.342		13.0 0.772	
11.5 3.029		12.5 1.712	
11.0 6.405		12.0 3.904	
10.5 11.709		11.5 7.193	
		11.0 13.300	

$m = 19, n = 22$	$m = 20, n = 20$	$m = 20, n = 21$	
16·0 0·003	17·0 0·001	17·0 0·001	
15·5 0·010	16·0 0·018	16·5 0·003	
15·0 0·041	15·0 0·192	16·0 0·011	
14·5 0·117	14·0 1·282	15·5 0·039	
14·0 0·363	13·0 5·642	15·0 0·129	
13·5 0·854	12·0 17·153	14·5 0·352	
13·0 2·082		14·0 0·910	
12·5 4·078		13·5 2·027	
12·0 8·069		13·0 4·259	
11·5 13·391		12·5 7·888	
		12·0 13·784	

Souhrn

TABULKY PRO DVOUVÝBĚROVÝ MEDIÁNOVÝ TEST

ZBYNĚK ŠIDÁK

Pro neparametrický mediánový test pro dva výběry, jejichž rozsahy m, n splňují $3 \leq m \leq n, m + n \leq 41$, se tabelují pravděpodobnosti horních konců rozložení až do bodu, kde je po prvé překročeno 10%.

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