Values for the Mann-Whitney-Wilcoxon Test

Reject the hypothesis of identical populations if the test statistic is *less than* the value T_L shown in the following table or *greater than* the value T_U where

$$T_U = n_1(n_1 + n_2 + 1) - T_L$$

		$\mathbf{n_2}$								
$\alpha \leq .\mathbf{01}$		2	3	4	5	6	7	8	9	10
	2	–	–	–	–	–	–	–	–	–
	3	–	–	–	–	–	–	–	7	7
	4	–	–	–	–	11	11	12	12	13
	5	–	–	–	16	17	17	18	19	20
$\mathbf{n_1}$	6	–	–	22	23	24	25	26	27	28
	7	–	–	29	30	32	33	35	36	38
	8	–	–	38	39	41	43	44	46	48
	9	–	46	47	49	51	53	55	57	59
	10	–	56	58	60	62	65	67	69	72

		$\mathbf{n_2}$								
$\alpha \leq .\mathbf{05}$		2	3	4	5	6	7	8	9	10
	2	–	–	–	–	–	–	4	4	4
	3	–	–	–	7	8	8	9	9	10
	4	–	–	11	12	13	14	15	15	16
	5	–	16	17	18	19	21	22	23	24
$\mathbf{n_1}$	6	–	23	24	25	27	28	30	32	33
	7	–	30	32	34	35	37	39	41	43
	8	37	39	41	43	45	47	50	52	54
	9	46	48	50	53	56	58	61	63	66
	10	56	59	61	64	67	70	73	76	79

		$\mathbf{n_2}$								
$\alpha \leq .\mathbf{10}$		2	3	4	5	6	7	8	9	10
	2	–	–	–	4	4	4	5	5	5
	3	–	7	7	8	9	9	10	11	11
	4	–	11	12	13	14	15	16	17	18
	5	16	17	18	20	21	22	24	25	27
$\mathbf{n_1}$	6	22	24	25	27	29	30	32	34	36
	7	29	31	33	35	37	40	42	44	46
	8	38	40	42	45	47	50	52	55	57
	9	47	50	52	55	58	61	64	67	70
	10	57	60	63	67	70	73	76	80	83