A.12 Lower Tail Probabilities for the Wilcoxon Signed Rank Statistic

Tabled are the quantities $p_- = P(W \leq w^*)$, computed under the assumption that H_0 is true. The upper tail probabilities $p^+ = P(W \geq w^*)$ can be obtained from these by using the relation

$$P(W \geq w^*) = P(W \leq n(n+1)/2 - w^*).$$

n	w^*	p_-	n	w^*	p_-
3	0	0.125		13	0.011
4	1	0.125		12	0.009
	0	0.062		10	0.005
5	2	0.094	14	32	0.108
	1	0.062		31	0.097
	0	0.031		26	0.052
6	4	0.109		21	0.025
	2	0.047		16	0.010
	1	0.031		13	0.005
	0	0.016	15	37	0.104
7	6	0.109		36	0.094
	4	0.055		31	0.053
	2	0.023		30	0.047
	0	0.008		25	0.024
8	8	0.098		20	0.011
	6	0.055		19	0.009
	4	0.027		16	0.005
	2	0.012	16	43	0.106
	1	0.008		42	0.096
	0	0.004		36	0.052
9	11	0.102		30	0.025
	8	0.049		24	0.011
	6	0.027		23	0.009
	3	0.010		20	0.005
	1	0.004	17	49	0.103
10	14	0.097		48	0.095
	11	0.053		41	0.049
	8	0.024		35	0.025
	5	0.010		28	0.010
	3	0.005		24	0.005
11	18	0.103	18	55	0.098
	14	0.051		47	0.049
	11	0.027		40	0.024
	7	0.009		33	0.010
	5	0.005		28	0.005
12	22	0.102	19	62	0.098
	18	0.055		54	0.052
	17	0.046		53	0.048
	14	0.026		46	0.025
	10	0.010		38	0.010
	7	0.005		33	0.005
13	27	0.108	20	70	0.101
	26	0.095		60	0.049
	22	0.055		52	0.024
	21	0.047		43	0.010
	17	0.024		38	0.005