A.15 Critical Constant k for Wilcoxon Rank Sum Confidence Intervals

	Smaller Sample Size											
	2		3		4		5		6		7	
Larger Sample Size	Level, L	k	Level, L	k	Level, L	k	Level, L	k	Level, L	k	Level, L	k
3	0.800	6	0.900	9								
4	0.866	8	0.942	12	0.972	16						
			0.886	11	0.942	15						
					0.886	14						
5	0.904	10	0.964	15	0.984	20	0.992	25				
			0.928	14	0.936	18	0.944	22				
					0.888	17	0.905	21				
6	0.928	12	0.976	18	0.990	24	0.991	29	0.991	34		
			0.952	17	0.962	22	0.948	26	0.959	31		
			0.904	16	0.886	20	0.918	25	0.907	29		
7	0.944	14	0.984	21	0.988	27	0.990	33	0.992	39	0.989	44
	0.888	13	0.966	20	0.958	25	0.952	30	0.949	35	0.947	40
			0.884	18	0.890	23	0.894	28	0.899	33	0.903	38
8	0.956	16	0.988	24	0.992	31	0.989	37	0.992	44	0.991	50
	0.912	15	0.952	22	0.952	28	0.955	34	0.957	40	0.946	45
			0.916	21	0.890	26	0.907	32	0.892	37	0.906	43
9	0.964	18	0.990	27	0.988	34	0.988	41	0.992	49	0.992	56
	0.928	17	0.964	25	0.950	31	0.958	38	0.950	44	0.945	50
			0.900	22	0.894	29	0.888	35	0.912	42	0.909	48
10	0.970	20	0.994	30	0.992	38	0.992	46	0.989	53	0.990	61
	0.940	19	0.952	27	0.946	34	0.945	41	0.944	48	0.945	55
	0.878	18	0.924	26	0.894	32	0.901	39	0.907	46	0.891	52
11	0.974	22	0.990	32	0.990	41	0.991	50	0.990	58	0.989	66
	0.948	21	0.962	30	0.944	37	0.948	45	0.952	53	0.956	61
	0.898	20	0.912	28	0.896	35	0.910	43	0.902	50	0.896	57
12	0.978	24	0.992	35	0.992	45	0.991	54	0.990	63	0.990	72
	0.956	23	0.952	32	0.958	41	0.952	49	0.947	57	0.955	66
	0.912	22	0.898	30	0.896	38	0.896	46	0.898	54	0.900	62

	Smaller Sample Size									
	8		9		10		11		12	
Larger Sample Size	Level, L	k	Level, L	k	Level, L	k	Level, L	k	Level, L	k
8	0.990	56								
	0.950	51								
	0.895	48								
9	0.989	62	0.989	69						
	0.954	57	0.950	63						
	0.907	54	0.906	60						
10	0.991	69	0.990	76	0.991	84				
	0.945	62	0.947	69	0.948	76				
	0.899	59	0.905	66	0.895	72				
11	0.991	75	0.990	83	0.990	91	0.989	99		
	0.949	68	0.954	76	0.949	83	0.953	91		
	0.909	65	0.905	72	0.901	79	0.899	86		
12	0.990	81	0.991	90	0.991	99	0.991	108	0.990	116
	0.953	74	0.951	82	0.950	90	0.949	98	0.948	106
	0.902	70	0.905	78	0.907	86	0.896	93	0.899	101