Tests

Statistical Tests HV with two objectives

	NSGA-II																		MOEA/D																		SMS-EMOA																	
	1			2			3			4			5			6			1			2			3			4			5			6			1			2			3			4			5			6		
	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie
DTLZ1	2	0	3	2	0	3	2	0	3	0	4	1	2	0	3	0	4	1	2	0	3	1	4	0	2	1	2	2	0	3	3	0	2	0	5	0	0	3	2	0	3	2	0	3	2	3	0	2	3	0	2	3	0	2
DTLZ2	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	2	1	2	1	4	0	4	0	1	2	1	2	2	0	3	0	5	0	0	5	0	0	5	0	0	5	0	1	0	4	1	0	4	0	1	4
DTLZ3	2	0	3	0	3	2	2	0	3	0	3	2	3	2	0	3	0	0	2	1	2	0	4	1	2	1	2	2	1	2	5	0	0	0	4	1	1	2	2	1	4	0	2	2	3	0	2	4	0	1	0	2	3
DTLZ4	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	1	2	2	2	0	3	1	2	2	2	1	2	2	1	2	0	5	0	0	5	0	0	5	0	1	4	0	1	4	0	0	5	0	0	2	3
DTLZ5	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	2	1	2	1	4	0	4	0	1	2	1	2	2	0	3	0	5	0	0	5	0	0	5	0	0	5	0	1	0	4	1	0	4	0	1	4
DTLZ6	0	4	1	2	2	1	0	4	1	2	2	1	4	1	0	5	0	0	0	4	1	2	3	0	4	1	0	4	1	0	3	2	0	5	0	0	0	4	1	2	3	0	4	1	3	2	0	4	1	3	0	5	0	0
DTLZ7	4	0	1	1	4	0	3	0	2	2	3	0	3	1	1	0	5	0	3	0	2	2	2	1	1	2	2	3	0	2	3	2	1	3	1	3	2	0	4	0	1	0	4	1	4	0	1	0	4	1	2	3	0
UF1	1	1	3	0	5	0	1	1	3	1	1	3	5	0	0	1	1	3	0	3	2	0	3	2	0	3	2	3	2	0	4	0	1	4	0	1	0	2	3	0	2	3	0	2	3	5	0	0	4	1	0	4	1	0
UF2	0	4	1	0	4	1	3	0	2	2	3	0	3	0	2	3	0	2	4	1	1	2	2	0	3	2	2	2	1	4	1	0	5	0	0	5	3	2	0	2	3	0	2	3	1	2	2	4	1	0	5	0	0	0
UF3	0	4	1	0	4	1	4	1	0	2	3	0	5	0	0	3	2	0	3	2	0	3	2	3	1	1	0	3	2	5	0	0	3	1	1	0	3	2	0	4	1	4	1	0	1	3	1	5	0	0	3	2	0	0
UF4	3	2	0	1	3	1	0	4	1	4	1	0	0	3	2	5	0	0	2	2	1	0	5	0	2	2	1	4	0	4	1	0	4	1	0	3	3	1	1	0	3	2	0	3	2	5	0	0	0	3	2	3	1	1
UF5	0	4	1	0	4	1	2	2	1	4	1	0	2	2	1	5	0	0	0	4	1	0	4	1	2	0	3	2	0	3	2	0	3	2	0	3	2	3	0	2	3	0	2	3	4	1	0	0	2	3	5	0	0	0
UF6	0	1	4	0	1	4	0	1	4	0	1	4	0	1	4	5	0	0	1	0	4	1	0	4	1	0	4	1	0	4	5	0	1	0	4	0	1	4	0	1	4	0	1	4	0	1	4	0	1	4	5	0	0	0
UF7	0	2	3	0	2	3	0	2	3	0	2	3	4	1	0	5	0	0	1	4	0	1	4	0	2	3	1	0	4	0	1	4	4	0	1	3	2	0	3	2	0	3	2	3	0	2	3	0	2	3	0	2
WFG1	0	4	1	1	2	2	0	3	2	4	0	1	4	0	1	2	2	1	0	4	1	2	3	0	0	4	1	4	0	1	3	1	1	3	0	2	0	4	1	2	2	1	0	4	1	5	0	0	4	1	0	2	2	1
WFG2	2	1	2	1	3	1	0	4	1	2	2	1	2	2	1	5	0	0	1	3	1	3	2	0	1	3	1	3	1	1	3	1	1	5	0	0	0	3	2	0	3	2	0	3	2	4	1	0	3	2	1	1	5	0
WFG3	1	1	3	0	5	0	1	1	3	1	1	3	1	1	3	5	0	0	1	3	1	0	5	0	1	3	1	3	1	1	3	1	1	5	0	0	0	3	2	0	3	2	0	3	2	4	1	0	3	2	0	5	0	0
WFG4	1	1	3	0	5	0	1	1	3	1	1	3	1	1	3	5	0	0	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	5	0	0	2	1	2	1	4	0	5	0	0	2	1	2	2	1	2	1	2	0
WFG5	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	2	0	3	1	4	0	1	3	4	0	1	0	4	1	2	1	2	3	0	2	0	4	1	3	0	2	3	0	2	1	3	1	0	3	2
WFG6	0	4	1	0	4	1	2	2	1	2	2	1	4	0	1	4	0	1	0	3	2	0	3	2	0	2	3	2	2	1	5	0	0	4	1	0	0	3	2	0	3	2	0	2	3	2	2	1	5	0	0	4	1	0
WFG7	0	2	3	0	2	3	0	1	4	2	1	2	1	2	0	1	4	5	0	0	2	2	1	4	1	0	1	4	1	0	4	0	5	0	0	1	1	3	1	0	5	0	1	3	0	2	3	0	2	3	0	2
WFG8	0	3	2	0	3	2	3	2	0	0	3	2	4	0	1	4	0	1	0	3	2	1	3	1	4	1	0	0	4	1	5	0	0	3	2	0	3	2	0	3	2	4	1	0	0	3	2	5	0	0	3	2	0
WFG9	1	2	2	0	2	3	4	1	0	0	2	3	5	0	0	0	3	2	1	2	2	1	1	3	2	1	2	1	1	3	5	0	0	0	5	0	1	2	2	1	2	2	3	1	1	1	1	3	5	0	0	0	5	0
Total	21	40	54	8	78	29	32	30	53	33	36	46	55	14	46	66	17	32	24	46	45	18	74	23	35	38	42	49	27	39	63	27	25	61	38	16	14	48	53	11	56	48	21	45	49	50	21	44	61	20	34	62	29	24

Tests

	NSGA-II																		MOEA/D																		SMS-EMOA																	
Statistical Tests HV with three objectives	1			2			3			4			5			6			1			2			3			4			5			6			1			2			3			4			5			6		
	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie
DTLZ1	1	2	2	0	5	0	1	1	3	2	1	2	1	1	3	5	0	0	2	1	2	1	4	0	2	0	3	2	0	3	3	0	2	0	5	0	0	3	2	3	1	1	0	3	2	3	1	1	5	0	0	0	3	2
DTLZ2	2	1	2	0	3	2	0	1	4	1	1	3	0	2	3	5	0	0	1	0	4	1	0	4	1	0	4	1	0	4	1	0	4	0	5	0	0	2	3	3	0	2	0	2	3	1	1	3	4	0	1	0	3	2
DTLZ3	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	5	0	0	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	0	5	0	0	1	4	1	1	3	0	3	2	1	1	3	5	0	0	0	1	4
DTLZ4	1	2	2	1	4	0	0	3	2	4	0	1	1	2	2	4	0	1	0	3	2	0	3	2	0	2	3	3	1	1	2	1	2	5	0	0	0	3	2	0	2	3	0	2	3	1	0	4	3	0	2	3	0	2
DTLZ5	1	1	3	0	5	0	1	1	3	1	1	3	1	1	3	5	0	0	0	3	2	2	1	2	0	1	4	0	3	2	2	1	2	5	0	0	0	5	1	0	4	0	0	5	1	0	4	0	0	2	3			
DTLZ6	0	4	1	5	0	0	4	1	2	3	0	3	2	0	4	1	0	0	0	4	1	2	3	0	4	1	3	2	0	4	1	0	5	0	0	0	0	4	1	2	3	0	4	1	3	2	0	4	1	0	5	0	0	0
DTLZ7	1	3	1	1	4	0	0	4	1	3	1	1	3	1	1	5	0	0	2	1	2	3	0	2	0	3	2	3	1	1	1	1	0	4	1	1	2	2	2	3	0	0	5	0	2	1	2	5	0	0	0	2	1	2
UF10	2	1	2	2	1	2	1	2	5	0	0	0	4	1	0	4	1	0	2	3	3	0	2	0	2	3	0	1	4	0	2	3	4	0	1	1	1	3	1	1	3	1	2	2	2	1	2	0	5	0	5	0	0	0
UF8	2	1	2	1	4	0	5	0	0	2	1	2	2	1	2	0	5	0	1	1	3	0	3	2	0	1	4	2	0	3	0	2	3	4	0	1	4	0	1	2	3	0	4	0	1	3	2	0	0	4	1	0	4	1
UF9	1	2	2	4	0	1	4	0	1	0	2	3	1	2	2	5	0	0	0	4	1	4	1	0	3	1	1	2	1	2	3	0	3	1	1	5	0	5	0	1	4	2	0	3	0	0	5	0	2	3	1	0	4	1
WFG1	1	2	2	0	5	0	1	2	2	4	1	0	1	2	2	5	0	0	2	1	2	1	4	0	2	1	2	5	0	0	2	1	2	0	5	0	1	2	2	0	2	3	1	2	2	4	0	1	4	0	1	0	4	1
WFG2	0	2	3	0	2	3	0	1	4	0	1	4	2	1	2	5	0	0	0	3	2	0	3	2	0	2	3	1	2	3	1	1	5	0	0	0	3	2	0	3	2	0	3	2	0	4	1	0	5	0	0	0	0	1
WFG3	3	0	2	1	3	1	3	0	2	1	3	1	3	0	2	0	5	0	1	3	1	0	5	0	1	3	1	4	1	0	3	2	0	5	0	0	3	2	0	4	1	1	3	1	4	0	1	3	2	0	4	0	1	
WFG4	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	0	5	0	1	0	4	1	0	4	1	1	3	1	1	3	3	0	2	0	5	0	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	0	5	0
WFG5	2	0	3	0	4	1	2	0	3	3	0	2	2	1	2	0	4	1	2	0	3	4	0	1	1	1	3	2	1	2	0	5	0	1	3	1	3	0	2	0	4	1	2	0	3	3	0	2	2	2	1	0	4	1
WFG6	0	3	2	4	1	2	1	2	2	1	2	5	0	0	1	1	3	2	1	2	0	3	2	1	1	3	2	1	2	5	0	0	0	4	1	0	3	2	0	4	1	1	2	2	2	2	1	5	0	0	0	4	1	0
WFG7	1	0	4	1	2	2	2	0	3	2	0	3	1	0	4	0	5	0	1	0	4	0	5	0	1	0	4	1	0	4	2	0	3	1	1	3	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4
WFG8	3	1	1	1	3	1	1	3	1	4	0	1	3	0	1	5	0	0	4	1	0	1	3	1	5	0	0	0	3	2	0	3	2	0	3	2	4	1	0	0	3	2	5	0	0	0	3	2						
WFG9	2	1	2	5	0	0	0	1	4	0	1	4	0	2	3	0	2	3	1	1	3	1	1	3	1	1	3	1	1	3	5	0	0	0	5	0	1	1	3	1	0	4	3	0	2	1	0	4	1	1	3	0	5	0
Total	27	26	42	24	57	14	28	23	44	**40**	17	38	33	22	40	39	46	10	19	31	45	20	48	27	20	25	50	36	20	39	**48**	18	29	43	44	8	14	31	50	17	44	34	22	32	41	36	16	43	**54**	18	23	33	35	27

	NSGA-II																		MOEA/D																		SMS-EMOA																	
	1			2			3			4			5			6			1			2			3			4			5			6			1			2			3			4			5			6		
	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie
DTLZ1	2	0	3	2	0	3	2	0	3	0	4	1	2	0	3	0	4	1	2	1	2	1	4	0	2	2	1	3	0	2	4	0	1	0	5	0	0	3	2	0	3	2	0	3	2	3	0	2	3	0	2	3	0	2
DTLZ2	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	2	1	2	1	4	0	4	0	1	2	1	2	2	0	3	0	5	0	0	2	3	4	0	1	0	2	3	1	2	2	4	0	1	0	3	2
DTLZ3	2	0	3	3	2	2	2	1	2	0	3	2	3	0	2	0	0	5	2	1	2	2	2	3	1	1	5	0	0	4	1	2	0	3	1	1	2	0	3	1	4	0	2	1	2	2	0	3	3	0	2	5	0	0
DTLZ4	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	1	2	2	0	5	0	1	2	2	1	2	2	4	1	0	0	5	0	0	0	5	0	0	5	0	2	3	0	0	5	1	0	4	1	0	4
DTLZ5	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	2	1	2	1	4	0	4	0	1	2	0	3	2	0	3	0	5	0	0	2	3	4	0	1	0	2	3	1	2	2	4	0	1	0	3	2
DTLZ6	0	4	1	2	2	1	0	4	1	2	2	1	4	1	0	5	0	0	0	4	1	2	3	0	0	4	1	3	2	0	4	1	0	5	0	0	0	4	1	2	3	0	0	4	1	3	2	0	4	1	0	5	0	0
DTLZ7	3	0	2	1	4	0	2	0	3	2	2	1	3	0	2	0	0	5	0	3	0	2	1	2	2	1	1	3	3	0	2	0	3	2	1	3	1	1	2	2	4	1	0	5	0	1	2	2	5	0	0	1	2	2
UF1	1	2	2	0	4	1	2	1	2	2	1	2	5	0	0	1	3	1	0	3	2	0	3	2	0	3	2	3	2	0	5	0	0	4	1	0	0	3	2	0	3	2	0	3	2	3	2	0	5	0	0	4	1	0
UF2	0	3	2	0	4	1	3	0	2	3	0	2	2	0	3	1	2	2	0	4	1	1	2	2	0	3	2	2	2	1	4	1	0	5	0	0	1	3	1	0	5	0	1	3	1	3	2	0	4	0	1	4	0	1
UF3	1	3	1	1	3	1	4	0	1	3	2	0	4	0	1	0	5	0	0	3	2	0	3	2	3	2	0	0	3	2	5	0	0	4	1	0	3	1	1	0	5	0	4	1	0	1	3	1	5	0	0	3	2	0
UF4	1	2	2	0	2	3	0	3	2	4	1	0	0	2	3	5	0	0	3	2	0	0	5	0	2	3	0	5	0	0	1	4	0	4	1	0	3	1	1	0	3	2	0	3	2	5	0	0	0	3	2	3	1	1
UF5	0	4	1	0	2	3	1	2	2	4	1	0	1	0	1	2	2	5	0	0	4	1	0	4	1	0	4	1	2	0	3	2	0	3	2	0	2	3	0	2	3	0	2	3	4	1	0	0	2	3	5	0	0
UF6	0	1	4	0	1	4	0	1	4	0	1	4	0	1	4	5	0	0	1	0	4	1	0	4	1	0	4	1	0	4	5	0	1	0	0	4	1	1	3	1	1	3	0	1	4	0	1	4	0	3	2	5	0	0
UF7	0	1	4	0	3	2	0	2	3	1	1	3	4	1	0	3	0	2	0	1	4	0	1	4	0	1	4	0	0	5	0	1	4	4	0	1	0	3	2	0	3	2	0	3	2	3	0	2	3	0	2	3	0	2
WFG1	0	4	1	1	3	1	0	3	2	4	0	1	4	0	1	3	2	0	0	4	1	2	3	0	0	4	1	5	0	0	3	1	1	3	1	1	0	4	1	2	2	1	0	4	1	5	0	0	4	1	0	2	2	1
WFG2	2	1	2	0	3	2	0	3	2	2	2	1	2	2	1	5	0	0	1	3	1	3	2	0	1	3	1	0	4	1	3	1	1	5	0	0	0	3	2	0	3	2	0	3	2	3	1	1	3	1	1	5	0	0
WFG3	1	2	2	0	5	0	1	1	3	2	1	2	1	1	3	5	0	0	1	3	1	0	5	0	1	3	1	3	1	1	3	1	1	5	0	0	3	2	0	3	2	0	3	2	4	1	0	3	2	0	5	0	0
WFG4	1	1	3	0	5	0	1	1	3	1	1	3	1	1	3	5	0	0	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	5	0	0	2	1	2	1	4	0	2	2	1	3	0	2	4	0	1	0	5	0
WFG5	1	0	4	0	5	0	1	0	4	2	0	3	1	0	4	1	1	3	2	0	3	2	3	0	2	0	3	2	0	3	0	5	0	1	1	3	3	0	2	0	4	1	3	0	2	3	0	2	1	3	1	0	3	2
WFG6	0	4	1	0	4	1	2	2	1	2	2	1	4	0	1	4	0	1	0	3	2	0	3	2	2	3	0	2	2	1	5	0	0	4	1	0	3	2	0	3	2	0	2	3	2	2	1	5	0	0	4	1	0	0
WFG7	0	2	3	0	2	3	0	1	4	2	1	2	0	1	4	5	0	0	1	0	4	0	5	0	1	3	1	2	0	3	2	0	3	2	0	3	1	0	4	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4
WFG8	0	3	2	0	3	2	3	1	1	0	3	2	5	0	0	3	1	1	0	3	2	1	3	1	4	1	0	0	4	1	5	0	0	3	2	0	3	2	0	3	2	4	1	0	3	2	5	0	0	3	2	0
WFG9	1	2	2	0	2	3	4	1	0	1	2	2	5	0	0	0	0	4	1	1	3	1	1	3	1	1	3	1	1	3	5	0	0	0	5	0	1	1	3	1	1	3	1	1	3	5	0	0	0	0	5	0		
Total	19	39	57	7	75	33	31	27	57	40	30	45	54	12	49	**59**	27	29	24	44	47	19	73	23	33	40	42	47	26	42	**66**	24	25	58	40	17	16	47	52	20	61	34	18	51	46	52	25	38	**72**	16	27	57	35	23

Statistical Tests IGD+ with two objectives

Statistical Tests IGD+ with three objectives

	NSGA-II																		MOEA/D																		SMS-EMOA																	
	1			2			3			4			5			6			1			2			3			4			5			6			1			2			3			4			5			6		
	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie	Win	Lost	Tie
DTLZ1	1	1	3	0	5	0	2	1	2	1	2	1	2	2	1	1	3	5	2	0	3	0	5	0	2	0	3	2	0	3	2	0	3	1	4	0	0	3	2	3	0	2	0	2	3	0	3	3	0	2	0	3	2
DTLZ2	2	1	2	4	1	2	1	2	2	1	2	0	4	1	5	0	0	1	2	2	0	4	1	0	3	2	2	1	2	3	1	1	5	0	0	0	1	4	0	0	5	0	0	5	0	0	5	1	0	4	0	0	5
DTLZ3	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	5	0	1	3	1	0	5	0	1	3	1	3	2	0	4	1	0	5	0	0	1	0	4	0	4	1	2	0	3	1	0	5	1	0	4	0	2	3
DTLZ4	1	1	3	1	4	0	0	3	2	2	1	2	1	1	3	5	0	0	0	3	2	0	4	1	1	2	2	3	1	1	2	1	2	5	0	0	0	1	4	0	1	4	0	2	3	0	0	5	1	0	4	0	3	2
DTLZ5	1	1	3	0	5	0	1	1	3	1	1	3	1	1	3	5	0	0	1	2	2	0	5	0	1	1	3	1	1	3	2	1	2	5	0	0	1	2	2	4	0	1	0	2	3	1	2	2	4	0	1	0	4	1
DTLZ6	0	4	1	5	0	0	0	4	1	2	3	0	3	2	0	4	1	0	0	4	1	2	3	0	0	4	1	3	2	0	4	1	0	5	0	0	4	1	2	3	0	0	4	1	3	2	0	4	1	0	5	0	0
DTLZ7	1	2	2	1	4	0	0	4	1	3	1	1	2	1	2	5	0	0	2	0	3	2	0	3	0	3	2	0	3	2	1	2	0	4	1	2	2	1	1	3	1	0	5	0	2	1	2	3	0	2	3	0	2
UF10	2	1	2	0	2	3	3	0	2	4	0	1	0	3	2	0	3	2	0	2	3	3	0	2	0	2	3	0	1	4	0	2	3	4	0	1	1	1	3	1	2	2	1	2	3	1	1	0	5	0	5	0	0
UF8	2	1	2	1	4	0	5	0	0	2	1	2	2	1	2	0	5	0	2	1	2	0	3	2	0	2	3	3	0	2	3	2	4	0	1	0	4	0	1	0	3	2	3	0	2	3	1	1	0	3	2	0	3	2
UF9	1	2	2	4	0	1	4	0	1	1	2	2	1	2	2	0	5	0	0	3	2	0	3	2	3	0	2	3	1	1	0	3	2	4	0	1	0	0	5	1	0	4	1	0	4	1	0	4	0	4	1	1	0	4
WFG1	1	2	2	0	5	0	1	2	2	4	1	0	1	2	2	5	0	0	2	2	1	1	4	0	2	2	1	5	0	0	4	1	0	0	5	0	1	2	2	0	2	3	1	2	2	4	0	1	4	0	1	0	4	1
WFG2	1	1	3	1	1	3	1	1	3	0	5	0	1	1	3	5	0	0	0	2	3	0	3	2	1	1	3	0	2	3	3	0	2	4	0	1	0	3	2	0	2	3	0	3	2	2	0	3	3	1	1	4	0	1
WFG3	2	0	3	1	2	2	3	0	2	1	2	4	0	1	2	0	5	0	1	3	1	0	5	0	1	3	1	3	1	1	3	1	1	5	0	0	3	2	0	3	2	0	3	2	4	0	1	3	2	0	4	0	1
WFG4	2	1	2	1	4	0	2	1	2	4	0	1	2	0	3	0	5	0	2	0	3	1	4	0	2	0	3	2	0	3	2	0	3	0	5	0	1	0	4	1	0	4	1	0	4	1	0	4	1	0	4	5	0
WFG5	0	2	3	0	2	3	0	2	3	3	0	2	0	1	4	4	0	1	2	0	3	3	0	2	1	2	2	3	0	2	0	3	2	0	4	1	2	0	3	0	4	1	2	0	3	2	0	3	2	0	3	0	4	1
WFG6	0	2	3	0	3	2	2	1	2	3	1	1	5	0	0	0	3	2	1	1	3	1	3	1	1	3	1	3	2	0	4	1	0	0	5	0	0	3	2	0	4	1	1	2	2	2	1	5	0	0	4	1	0
WFG7	1	0	4	1	0	4	1	0	4	1	0	4	1	0	4	0	5	0	1	2	2	5	0	0	1	2	2	1	2	2	4	1	0	0	5	0	1	1	3	5	0	0	1	1	3	1	1	3	1	1	3	0	5	0
WFG8	3	1	1	1	3	1	1	3	1	4	0	1	3	0	2	0	5	0	1	3	1	0	5	0	4	1	0	1	3	1	5	0	0	3	2	0	0	3	2	0	3	2	4	1	0	0	3	2	5	0	0	3	2	0
WFG9	1	1	3	5	0	0	0	1	4	1	1	3	0	1	4	0	3	2	1	1	3	1	1	3	1	1	3	1	0	4	4	0	1	0	5	0	1	2	2	1	1	3	3	1	1	1	0	4	3	0	2	0	5	0
Total	24	24	47	23	52	20	30	25	40	41	23	31	29	21	45	**43**	45	7	20	34	41	19	55	21	22	33	40	39	18	38	49	20	26	**50**	39	6	15	31	49	19	35	41	20	30	45	33	13	49	**45**	17	33	32	38	25