

APPENDIX II. Number of common bulls

BSW msp

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	CHE	DEA	ITA	NLD	SVN
CAN	0	68	71	58	25	10
CHE	56	0	417	277	42	22
DEA	60	342	0	429	59	40
ITA	48	215	336	0	57	38
NLD	19	39	49	40	0	15
SVN	8	22	36	37	12	0

HOL msp

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	CHE	DEU	DFS	FRA	NLD	AUS	GBR	SVN
CAN	0	299	1376	716	847	698	658	892	63
CHE	170	0	321	214	200	223	173	242	29
DEU	409	185	0	1573	1432	1626	747	1130	109
DFS	312	143	444	0	1035	1085	627	865	91
FRA	285	161	306	233	0	1165	675	968	63
NLD	438	183	748	587	363	0	726	994	96
AUS	432	116	267	211	259	430	0	660	59
GBR	758	194	476	408	355	618	360	0	83
SVN	45	21	86	75	35	80	38	63	0

HOL tem

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	CHE	DEU	DFS	FRA	NLD	AUS	GBR
CAN	0	292	1084	649	704	639	624	853
CHE	168	0	276	208	196	218	173	242
DEU	263	147	0	1277	1117	1318	636	950
DFS	277	140	344	0	947	1003	613	836
FRA	278	161	239	226	0	1061	623	911
NLD	391	179	523	484	324	0	711	966
AUS	412	116	201	198	258	416	0	660
GBR	731	194	355	369	350	587	360	0

JER msp

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	DFS	NLD	AUS
CAN	0	41	6	89
DFS	29	0	7	53
NLD	5	6	0	9
AUS	86	26	9	0

RDC msp

common bulls below diagonal
common three quarter sib group above diagonal
CAN DEU DFS NOR AUS

CAN	0	6	72	4	27
DEU	6	0	33	6	12
DFS	69	23	0	69	75
NOR	4	6	55	0	27
AUS	25	11	54	22	0

RDC tem

common bulls below diagonal
common three quarter sib group above diagonal
CAN DEU DFS NOR AUS

CAN	0	3	73	4	27
DEU	3	0	16	5	8
DFS	70	11	0	66	75
NOR	4	5	52	0	26
AUS	25	8	54	21	0
