

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	85	89	75	35	13
CHE	73	0	430	289	49	26
DEA	81	357	0	447	71	44
ITA	67	228	359	0	68	43
NLD	30	45	62	52	0	18
SVN	11	26	40	42	15	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	360	1495	855	961	839	737	1060	83
CHE	242	0	388	281	267	296	221	307	37
DEU	575	261	0	1696	1527	1757	808	1265	130
DFS	491	216	605	0	1144	1226	697	1008	114
FRA	441	223	434	354	0	1274	740	1093	79
NLD	637	269	931	771	518	0	800	1144	117
AUS	546	162	357	297	342	540	0	750	70
GBR	1025	280	657	595	513	840	482	0	103
SVN	64	27	108	95	51	100	45	82	0

HOL tem

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	CHE	DEU	DFS	FRA	NLD	AUS	GBR
CAN	0	355	1204	785	828	777	705	1021
CHE	240	0	339	272	263	288	221	307
DEU	391	207	0	1379	1217	1434	691	1075
DFS	436	209	452	0	1054	1126	683	970
FRA	432	223	340	342	0	1163	687	1035
NLD	573	261	654	639	464	0	783	1108
AUS	525	162	264	282	340	524	0	749
GBR	993	281	490	541	509	796	482	0

JER msp

common bulls below diagonal

common three quarter sib group above diagonal

CAN DFS NLD AUS

CAN	0	59	8	115
DFS	47	0	9	69
NLD	6	7	0	13
AUS	117	44	13	0

RDC msp

common bulls below diagonal

common three quarter sib group above diagonal

CAN DEU DFS NOR AUS

CAN	0	6	77	4	29
DEU	6	0	34	6	12
DFS	73	24	0	62	73
NOR	4	6	48	0	27
AUS	27	11	53	22	0

RDC tem

common bulls below diagonal

common three quarter sib group above diagonal

CAN DEU DFS NOR AUS

CAN	0	3	78	4	29
DEU	3	0	16	5	8
DFS	74	11	0	67	76
NOR	4	5	52	0	26
AUS	27	8	55	21	0
