

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	67	69	58	23	10
CHE	56	0	407	273	36	22
DEA	60	334	0	426	53	40
ITA	47	210	332	0	51	38
NLD	17	33	43	34	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	293	1345	695	821	682	650	876	62
CHE	176	0	312	213	199	220	174	240	29
DEU	399	184	0	1545	1403	1590	739	1099	103
DFS	289	147	426	0	1020	1053	617	850	87
FRA	280	166	301	226	0	1150	665	955	61
NLD	419	185	721	551	349	0	713	976	91
AUS	428	122	265	209	254	424	0	654	58
GBR	739	201	464	390	350	598	357	0	81
SVN	44	21	80	70	33	74	37	61	0

HOL tem

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	CHE	DEU	DFS	FRA	NLD	AUS	GBR
CAN	0	287	1050	642	680	629	617	837
CHE	175	0	267	207	195	216	174	240
DEU	254	145	0	1258	1084	1289	628	920
DFS	272	143	333	0	934	986	605	831
FRA	274	166	232	221	0	1047	613	899
NLD	378	181	503	476	310	0	699	950
AUS	408	122	199	198	253	411	0	654
GBR	710	201	341	366	345	572	357	0

JER msp

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	DFS	NLD	AUS
CAN	0	40	6	88
DFS	28	0	7	52
NLD	5	6	0	9
AUS	85	25	9	0

RDC msp

common bulls below diagonal
 common three quarter sib group above diagonal

	CAN	DEU	DFS	NOR	AUS
CAN	0	6	69	4	27
DEU	6	0	33	6	12
DFS	66	23	0	67	70
NOR	4	6	53	0	26
AUS	25	11	54	21	0

RDC tem

common bulls below diagonal

common three quarter sib group above diagonal

CAN DEU DFS NOR AUS

CAN 0 3 69 4 27
DEU 3 0 16 5 8
DFS 66 11 0 64 70
NOR 4 5 50 0 25
AUS 25 8 54 20 0
