Table E-1: Prognostic factors for *early instability* in fractures *minimally displaced* at presentation

		LEVEL	NUMBER	NUMBER DISPLACED AT ONE WEEK [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	250	4 [2]	p<0.001	**p<0.001**
	1486	**30-39**	145	3 [2]		
		40-49	145	9 [6]		
		50-59	276	28 [10]		
		60-69	276	39 [14]		
		70-79	222	25 [11]		
		>80	172	41 [24]		
SEX		**Male**	404	21 [5]	p<0.001	NS
	1890	**Female**	1486	138 [9]		
INJURY CODE		**1**	1165	144 [12]	p<0.01	NS
	1485	**2**	86	7 [8]		
		3	148	2 [1]		
		4	15	2 [13]		
		5	25	1 [4]		
		6	46	3 [7]		
SHOPPING		**Yes**	1356	132 [10]	p<0.001	NS
	1486	**No**	130	27 [21]		
COMMINUTION		**None**	974	39 [4]	p<0.001	**p<0.001**
	1468	**Dorsal**	426	99 [23]		
		Volar	19	5 [26]		
		Both	49	13 [27]		
AO Type		**A**	774	89 [11]	p<0.001	NS
	1474	**B**	245	7 [3]		
		C	455	62 [14]		
AO Group		**1**	435	13 [3]	p<0.001	p<0.05
		2	703	65 [9]		
		3	336	80 [24]		
AO Subgroup		**.1**	984	77 [8]	p<0.001	NS
		.2	459	77 [17]		
		.3	31	4 [13]		
FRYKMAN CODE		**1**	368	30 [8]	p<0.001	NS
	1471	**2**	147	21 [14]		
		3	360	21 [6]		
		4	89	8 [9]		
		5	140	12 [9]		
		6	98	24 [24]		
		7	134	16 [12]		
		8	135	24 [18]		
ORIGINAL DORSAL ANGLE		**<-7**	369	22 [6]	p<0.001	**p<0.01**
	1486	**-7-0**	373	9 [2]		
		0-4	305	36 [12]		
		5-10	439	92 [21]		
ORIGINAL SHIFT		**<0**	279	22 [8]	p<0.01	NS
	1486	**0**	303	27 [9]		
		1	308	29 [9]		
		2	245	28 [11]		
		>2	351	53 [15]		
ORIGINAL ULNAR VARIANCE		**<-1**	190	15 [8]	p<0.001	**p<0.01**
	1486	**-1**	267	19 [7]		
		0	506	45 [9]		
		1-3	523	80 [15]		

Table E-2: Prognostic factors for *late instability* in fractures *minimally displaced* at presentation

		LEVEL	NUMBER	NUMBER DISPLACED AT SIX WEEKS [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	188	17 [9]	p<0.001	**p<0.001**
	1125	**30-39**	118	9 [8]		
		40-49	112	12 [11]		
		50-59	224	51 [23]		
		60-69	204	48 [24]		
		70-79	165	61 [37]		
		>80	114	46 [40]		
SEX		**Male**	312	41 [13]	p<0.001	NS
	1125	**Female**	813	203 [25]		
INJURY CODE		**1**	881	216 [25]	p<0.01	NS
	1124	**2**	64	6 [9]		
		3	118	11 [9]		
		4	12	6 [50]		
		5	18	2 [11]		
		6	31	3 [10]		
SHOPPING		**Yes**	1035	207 [20]	p<0.001	NS
	1125	**No**	90	37 [41]		
COMMINUTION		**None**	769	105 [14]	p<0.001	**p<0.01**
	1112	**Dorsal**	296	113 [38]		
		Volar	14	7 [50]		
		Both	33	16 [48]		
AO Type		**A**	592	137 [23]	p<0.001	p<0.05
	1119	**B**	180	14 [8]		
		C	347	90 [26]		
AO Group		**1**	339	29 [9]	p<0.001	NS
		2	549	123 [22]		
		3	231	89 [39]		
AO Subgroup		**.1**	756	146 [19]	p<0.05	NS
		.2	341	88 [26]		
		.3	22	7 [32]		
FRYKMAN CODE		**1**	291	48 [17]	p<0.001	NS
	1116	**2**	115	25 [22]		
		3	262	30 [11]		
		4	72	17 [24]		
		5	105	28 [27]		
		6	65	25 [38]		
		7	109	29 [27]		
		8	97	40 [41]		
ORIGINAL DORSAL ANGLE		**<-7**	273	33 [12]	p<0.001	NS
	1125	**-7-0**	304	44 [14]		
		1-4	236	49 [21]		
		5-10	312	18 [6]		
ORIGINAL SHIFT		**<0**	211	39 [18]	p<0.01	NS
	1125	**0**	234	43 [18]		
		1	247	51 [21]		
		2	193	45 [23]		
		>2	240	66 [28]		
ORIGINAL ULNAR VARIANCE		**<-1**	144	30 [21]	p<0.001	NS
	1125	**-1**	207	39 [19]		
		0	400	58 [15]		
		1-3	374	120 [32]		
WEEK ONE DORSAL ANGLE		**<-7**	303	35 [12]	P<0.001	**P<0.001**
	1125	**-7-0**	300	40 [13]		
		0-4	245	38 [16]		
		5-10	277	131 [47]		
WEEK ONE SHIFT		**<0**	197	35 [18]	P<0.001	NS
	1125	**0**	214	34 [16]		
		1	233	53 [23]		
		2	208	51 [25]		
		>2	273	71 [26]		
WEEK ONE ULNAR VARIANCE		**<-1**	117	22 [19]	P<0.001	**P<0.001**
	1125	**-1**	218	31 [14]		
		0	392	69 [18]		
		1-3	398	122 [31]		

Table E-3: Prognostic factors for *malunion* in fractures *minimally displaced* at presentation

		LEVEL	NUMBER	NUMBER DISPLACED AT SIX WEEKS [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	216	19 [9]	p<0.001	**p<0.001**
	1333	**30-39**	130	12 [9]		
		40-49	124	18 [15]		
		50-59	256	65 [25]		
		60-69	254	80 [31]		
		70-79	198	81 [41]		
		>80	155	79 [51]		
SEX		**Male**	359	54 [15]	p<0.001	NS
	1333	**Female**	974	300 [31]		
INJURY CODE		**1**	1056	315 [30]	p<0.001	NS
	1332	**2**	76	13 [17]		
		3	132	11 [8]		
		4	12	6 [50]		
		5	21	4 [19]		
		6	35	5 [14]		
SHOPPING		**Yes**	1208	292 [24]	p<0.001	p<0.05
	1333	**No**	125	62 [50]		
COMMINUTION		**None**	862	128 [15]	p<0.001	**p<0.01**
	1313	**Dorsal**	391	188 [48]		
		Volar	19	9 [47]		
		Both	41	23 [56]		
AO Type		**A**	715	202 [28]	p<0.001	NS
	1325	**B**	208	16 [8]		
		C	402	132 [33]		
AO Group		**1**	377	38 [10]	p<0.001	**p<0.01**
		2	641	186 [29]		
		3	307	146 [48]		
AO Subgroup		**.1**	881	197 [22]	p<0.001	p<0.05
		.2	418	144 [34]		
		.3	26	9 [35]		
FRYKMAN CODE		**1**	338	65 [19]	p<0.001	p<0.05
	1316	**2**	139	41 [29]		
		3	302	40 [13]		
		4	82	23 [28]		
		5	124	31 [25]		
		6	87	44 [51]		
		7	124	38 [31]		
		8	120	58 [48]		
ORIGINAL DORSAL ANGLE		**<-7**	320	40 [13]	p<0.001	**p<0.001**
	1333	**-7-0**	334	52 [16]		
		1-4	280	74 [26]		
		5-10	399	188 [47]		
ORIGINAL SHIFT		**<0**	245	55 [22]	p<0.01	**p<0.01**
	1333	**0**	278	65 [23]		
		1	295	75 [25]		
		2	223	61 [27]		
		>2	292	98 [34]		
ORIGINAL ULNAR VARIANCE		**<-1**	163	38 [23]	p<0.001	**p<0.001**
	1333	**-1**	239	53 [22]		
		0	466	91 [20]		
		1-3	465	172 [37]		

Table E-4: Prognostic factors for *early instability* in fractures *displaced* at presentation

		LEVEL	NUMBER	NUMBER DISPLACED AT ONE WEEK [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	122	28 [23]	p<0.001	**p<0.001**
	1595	**30-39**	109	26 [24]		
		40-49	118	29 [25]		
		50-59	256	84 [33]		
		60-69	385	168 [44]		
		70-79	364	198 [54]		
		>80	241	149 [62]		
SEX		**Male**	249	69 [28]	p<0.001	NS
	1685	**Female**	1436	613 [43]		
INJURY CODE		**1**	1356	604 [45]	p<0.01	NS
	1592	**2**	101	39 [39]		
		3	92	25 [27]		
		4	7	3 [43]		
		5	18	5 [28]		
		6	18	4 [22]		
SHOPPING		**Yes**	1388	550 [40]	p<0.001	p<0.05
	1595	**No**	207	132 [64]		
COMMINUTION		**None**	109	34 [31]	p<0.01	**p<0.01**
	1571	**Dorsal**	1289	568 [44]		
		Volar	11	6 [55]		
		Both	162	59 [36]		
AO Type		**A**	775	319 [41]	p<0.05	p<0.05
	1586	**B**	15	11 [73]		
		C	796	348 [45]		
AO Group		**1**	35	17 [49]	NS	
		2	633	272 [43]		
		3	918	389 [42]		
AO Subgroup		**.1**	613	257 [42]	NS	
		.2	943	406 [43]		
		.3	30	15 [50]		
FRYKMAN CODE		**1**	96	40 [42]	NS	
	1571	**2**	136	55 [40]		
		3	52	18 [35]		
		4	82	32 [39]		
		5	164	73 [45]		
		6	298	125 [42]		
		7	228	103 [45]		
		8	515	221 [43]		
ORIGINAL DORSAL ANGLE		**<-7**	54	34 [63]	p<0.05	NS
	1595	**-7-0**	528	197 [37]		
		1-4	549	227 [41]		
		>4	464	224 [48]		
ORIGINAL SHIFT		**<0**	192	78 [41]	NS	
	1595	**0-2**	370	159 [43]		
		3-4	460	210 [46]		
		>4	573	235 [41]		
ORIGINAL ULNAR VARIANCE		**<0**	159	59 [37]	p<0.001	**p<0.001**
	1595	**0-2**	503	175 [35]		
		3-4	424	187 [44]		
		>4	509	261 [51]		

Table E-5: Prognostic factors for *late instability* in fractures *displaced* at presentation

		LEVEL	NUMBER	NUMBER DISPLACED AT SIX WEEKS [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	90	24 [27]	p<0.001	**p<0.001**
	829	**30-39**	73	26 [36]		
		40-49	79	33 [42]		
		50-59	157	67 [43]		
		60-69	198	105 [53]		
		70-79	153	88 [58]		
		>80	79	48 [61]		
SEX		**Male**	166	73 [44]	NS	NS
	829	**Female**	663	318 [48]		
INJURY CODE		**1**	679	333 [49]	NS	NS
	828	**2**	56	26 [46]		
		3	64	21 [33]		
		4	4	2 [50]		
		5	12	4 [33]		
		6	13	5 [38]		
SHOPPING		**Yes**	769	352 [46]	p<0.01	NS
	829	**No**	60	39 [65]		
COMMINUTION		**None**	68	24 [35]	NS	NS
	820	**Dorsal**	652	319 [49]		
		Volar	4	2 [50]		
		Both	96	42 [44]		
AO Type		**A**	410	203 [50]	NS	NS
	828	**B**	4	1 [25]		
		C	414	186 [45]		
AO Group		**1**	15	8 [53]	NS	NS
		2	335	158 [47]		
		3	478	234 [49]		
AO Subgroup		**.1**	331	150 [45]	NS	NS
		.2	483	236 [49]		
		.3	14	4 [29]		
FRYKMAN CODE		**1**	52	29 [56]	NS	NS
	820	**2**	78	38 [49]		
		3	34	12 [35]		
		4	47	21 [45]		
		5	80	42 [53]		
		6	153	69 [45]		
		7	110	57 [52]		
		8	266	118 [44]		
ORIGINAL DORSAL ANGLE		**<10**	19	9 [47]	NS	NS
	829	**10-19**	296	38 [19]		
		20-29	293	44 [15]		
		>29	221	100 [45]		
ORIGINAL SHIFT		**<0**	106	45 [42]	NS	NS
	829	**0-2**	194	91 [47]		
		3-4	224	114 [51]		
		>4	305	141 [46]		
ORIGINAL ULNAR VARIANCE		**<0**	88	36 [41]	p<0.01	NS
	829	**0-2**	298	128 [43]		
		3-4	212	105 [50]		
		>4	231	122 [53]		
WEEK ONE DORSAL ANGLE		**0-9**	783	358 [46]	P<0.001	**P<0.001**
	829	**>9**	46	33 [72]		
WEEK ONE SHIFT		**<0**	65	27 [42]	NS	NS
	829	**0-2**	219	102 [47]		
		3-4	260	120 [46]		
		>4	285	142 [50]		
WEEK ONE ULNAR VARIANCE		**<0**	225	110 [49]	P<0.001	**P<0.001**
	686	**0-2**	239	100 [42]		
		2-3	222	138 [62]		

Table E-6: Prognostic factors for *malunion* in fractures *displaced* at presentation

		LEVEL	NUMBER	NUMBER DISPLACED AT SIX WEEKS [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	99	30 [30]	p<0.001	**p<0.001**
	1236	**30-39**	76	28 [37]		
		40-49	95	45 [47]		
		50-59	198	99 [50]		
		60-69	293	185 [63]		
		70-79	272	191 [70]		
		>80	203	166 [82]		
SEX		**Male**	203	105 [52]	p<0.01	NS
	1236	**Female**	1033	639 [62]		
INJURY CODE		**1**	1053	658 [62]	p<0.01	NS
	1233	**2**	75	41 [55]		
		3	69	26 [38]		
		4	6	4 [67]		
		5	14	5 [36]		
		6	16	8 [50]		
SHOPPING		**Yes**	1063	597 [56]	p<0.001	**p<0.001**
	1236	**No**	173	147 [85]		
COMMINUTION		**None**	94	44 [47]	p<0.05	**p<0.01**
	1215	**Dorsal**	979	607 [62]		
		Volar	6	2 [33]		
		Both	136	76 [56]		
AO Type		**A**	605	371 [61]	NS	
	1234	**B**	12	6 [50]		
		C	617	365 [59]		
AO Group		**1**	27	17 [63]	NS	
		2	499	291 [58]		
		3	708	434 [61]		
AO Subgroup		**.1**	487	286 [59]	NS	
		.2	725	447 [62]		
		.3	22	9 [41]		
FRYKMAN CODE		**1**	76	49 [64]	NS	
	1255	**2**	155	70 [45]		
		3	49	22 [45]		
		4	65	38 [58]		
		5	124	81 [65]		
		6	224	133 [59]		
		7	169	108 [64]		
		8	393	227 [58]		
ORIGINAL DORSAL ANGLE		**<10**	44	27 [61]	NS	
	1236	**10-19**	424	250 [59]		
		20-29	430	264 [61]		
		>29	338	203 [60]		
ORIGINAL SHIFT		**<0**	144	78 [54]	NS	
	1236	**0-2**	292	167 [57]		
		3-4	357	233 [65]		
		>4	443	266 [60]		
ORIGINAL ULNAR VARIANCE		**<0**	127	69 [54]	p<0.001	**p<0.001**
	1236	**0-2**	403	216 [54]		
		3-4	314	198 [63]		
		>4	392	261 [67]		

Table E-7: Prognostic factors for carpal malalignment

		LEVEL	NUMBER	NUMBER WITH CARPAL MALALIGNMENT [%]	SIGNIFICANCE UNIVARIATE	SIGNIFICANCE MLR
AGE		**<30**	446	48 [11]	p<0.001	**p<0.001**
	3559	**30-39**	287	40 [14]		
		40-49	294	62 [21]		
		50-59	595	148 [25]		
		60-69	758	261 [34]		
		70-79	695	308 [44]		
		>79	484	254 [52]		
SEX		**Male**	770	133 [17]	p<0.001	NS
	3559	**Female**	2789	988 [35]		
INJURY CODE		**1**	2895	999 [35]	p<0.001	NS
	3554	**2**	220	48 [22]		
		3	262	36 [14]		
		4	26	9 [35]		
		5	76	10 [13]		
		6	75	16 [21]		
SHOPPING		**Yes**	3144	896 [28]	p<0.001	**p<0.001**
	3559	**No**	415	225 [54]		
COMMINUTION		**None**	1209	159 [13]	p<0.001	**p<0.001**
	3476	**Dorsal**	1905	825 [43]		
		Volar	87	25 [29]		
		Both	275	86 [31]		
AO Type		**A**	1749	570 [33]	p<0.001	**p<0.01**
	3543	**B**	333	29 [9]		
		C	1461	517 [35]		
AO Group		**1**	520	56 [11]	p<0.001	NS
		2	1546	450 [29]		
		3	1477	610 [41]		
AO Subgroup		**.1**	1817	468 [26]	p<0.001	**p<0.001**
		.2	1598	622 [39]		
		.3	128	26 [20]		
FRYKMAN CODE		**1**	519	123 [24]	p<0.001	p<0.05
	3478	**2**	306	116 [38]		
		3	471	65 [14]		
		4	189	60 [32]		
		5	333	141 [42]		
		6	448	180 [40]		
		7	451	167 [37]		
		8	761	272 [36]		
ORIGINAL DORSAL ANGLE		**<0**	862	96 [11]	p<0.001	**p<0.001**
	3559	**0-9**	695	192 [28]		
		10-19	619	271 [44]		
		>19	1383	562 [41]		
ORIGINAL SHIFT		**<0**	485	135 [28]	p<0.001	NS
	3559	**0-2**	1013	283 [28]		
		3-4	856	284 [33]		
		>4	1205	419 [35]		
ORIGINAL ULNAR VARIANCE		**<0**	622	141 [23]	p<0.001	NS
	3559	**0**	787	190 [24]		
		1-3	959	330 [34]		
		>3	1191	460 [39]		