APPENDIX 1

Results of the reduced palaeostress tensors from the fault slip data in localities Butkov, Tunežice, Mojtín, Manín and Skalica

Tensor name	*n*	σ_1	σ_2	σ_3	*R*	*R'*	α	Q (QRw)	Stress regime according to Delvaux et al. (1997)
Locality Butkov									
D6b	26	097/67	251/21	345/09	0.54	0.54	5.09	C	pure extensional
D6a	41	097/43	252/44	355/13	0.46	1.54	8.46	A	extensional
D5c	59	177/70	063/08	330/18	0.32	0.32	11.15	A	pure extensional
D5b	6	239/28	73/61	332/6	0.17	1.83	4.63	D	compressional strike-slip
D5a	26	042/22	208/67	310/05	0.58	1.42	14.03	A	pure strike-slip
D4d	10	302/74	194/05	103/15	0.70	0.70	10.75	C	pure extensional
D4b	15	201/01	111/15	295/75	0.47	2.47	14.86	B	pure compressional
D4a	71	213/20	003/67	119/11	0.45	1.55	14.98	A	pure strike-slip
D4c	48	193/43	021/47	287/04	0.38	1.62	13.34	A	extensional
D3d	55	357/06	264/28	099/61	0.51	2.51	9.13	A	pure compressional
D3c	186	344/08	253/08	118/79	0.49	2.49	7.69	A	pure compressional
D3b	46	172/04	274/72	081/17	0.33	1.67	15.08	A	pure strike-slip
D3a	13	336/04	079/73	245/16	0.62	1.38	14.89	C	pure strike-slip
D2d	6	125/06	217/22	021/67	0.50	2.50	15.22	D	pure compressional
D2c	53	312/6	43/15	207/74	0,57	2.57	14.69	A	pure compressional
D2b	15	126/02	228/82	035/08	0.40	1.60	14.44	B	pure strike-slip
D2a	75	113/03	014/71	204/19	0.45	1.55	11.84	A	pure strike-slip
D1c	15	103/02	011/37	196/53	0.53	2.53	10.10	B	pure compressional
D1b	7	268/07	134/81	357/06	0.40	1.29	9.16	D	extensional strike-slip
D1a	25	083/17	298/70	176/11	0.76	1.24	15.22	A	extensional strike-slip
Locality Tunežice									
D6b	11	155/54	312/34	50/11	0.55	0.55	15.06	C	pure extensional
D6a	52	106/65	261/23	355/9	0.54	0.54	11.33	A	pure extensional
D5c	39	154/72	244/0	334/18	0.59	0.59	8.72	B	pure extensional
D5b	12	51/0	314/86	141/4	0.42	1.58	21.20	C	pure strike-slip
D5a	15	48/10	296/65	142/23	0.47	1.53	15.45	B	pure strike-slip
D4e	38	194/52	36/36	298/11	0.37	0.37	7.61	B	pure extensional
D4d	20	42/8	308/28	147/61	0.3	2.30	13.49	B	pure compressional
D4c	20	197/14	104/14	332/70	0.45	2.45	13.05	C	pure compressional
D4b	35	187/6	64/79	278/9	0.54	1.46	17.23	A	pure strike-slip
D4a	29	31/10	260/75	123/11	0.38	1.62	13.15	A	pure strike-slip
D3d	17	169/16	267/27	52/58	0.65	2.65	16.52	B	pure compressional
D3c	68	335/14	243/9	123/73	0.5	2.50	7.74	C	pure compressional
D3b	39	152/7	324/83	61/1	0.59	1.41	16.18	A	pure strike-slip
D3a	83	344/13	168/77	74/1	0.45	1.55	19.59	B	pure strike-slip
D2c	30	311/18	49/24	188/59	0.6	2.60	15.27	B	pure compressional
D2b	33	114/4	308/86	204/1	0.48	1.52	19.10	A	pure strike-slip
D2a	21	111/3	8/75	202/15	0.24	1.76	5.23	C	compressional strike-slip
D1c	25	265/5	174/6	34/82	0.56	2.56	7.85	A	pure compressional
D1b	55	81/5	196/79	350/10	0.35	1.65	18.59	A	pure strike-slip
D1a	21	86/10	298/78	177/6	0.67	1.33	19.91	B	pure strike-slip
Locality Mojtín									
D6b	16	90/86	261/4	351/1	0.38	0.38	13.82	B	pure extensional
D6a	64	354/75	127/10	219/11	0.66	0.66	17.73	A	pure extensional
D5c	8	50/43	228/47	319/0	0.25	1.75	18.92	D	oblique extensive
D5b	7	241/21	84/68	334/8	0.57	1.43	9.39	D	pure strike-slip
D5a	11	62/4	304/82	152/7	0.27	1.73	16.75	C	compressional strike-slip

D4d	26	203/1	113/15	297/75	0.35	2.35	13.86	B	pure compressional
D4c	20	213/0	123/18	304/72	0.3	2.30	19.18	B	pure compressional
D4b	21	31/4	152/83	301/6	0.38	1.62	21.72	B	pure strike-slip
D4a	15	209/10	359/78	118//6	0.53	1.47	13.11	B	pure strike-slip
D3d	11	337/8	238/47	74/42	0.64	1.36	22.66	C	oblique compressive
D3c	26	169/11	75/19	288/68	0.15	2.15	11.19	B	compressional
D3b	21	168/3	293/85	78/4	0.14	1.86	12.02	B	compressional strike-slip
D3a	12	341/8	199/80	72/6	0.58	1.42	22.06	C	pure strike-slip
D2d	16	283/19	190/8	80/69	0.56	2.56	8.44	C	pure compressional
D2c	13	122/6	215/24	20/65	0.54	2.50	10.88	C	pure compressional
D2b	26	127/15	319/75	218/3	0.54	1.46	21.54	B	pure strike-slip
D2a	14	307/1	208/81	37/9	0.71	1.29	10.02	C	extensional strike-slip
D1c	15	297/13	32/18	175/67	0.93	2.93	3.74	C	radial compressional
D1b	11	87/1	196/87	357/3	0.55	1.45	19.28	C	pure strike-slip
D1a	12	90/22	297/66	184/10	0.83	1.17	13.43	C	extensional strike-slip
Locality Manín									
D6a	12	109/61	252/24	349/16	0.67	0.67	7.80	C	pure extensional
D5a	5	233/7	2/80	142/8	0.60	1.40	14.30	E	pure strike/slip
D4c	5	211/64	38/26	307/3	0.40	0.40	10.30	E	pure extensional
D4b	6	34/3	124/1	232/87	0.33	2.33	8.32	D	pure compressional
D4a	7	216/9	339/73	124/14	0.29	1.71	11.44	D	compressional strike-slip
D3c	18	337/12	243/19	98/67	0.39	2.39	5.14	C	pure compressional
D3b	11	171/6	334/83	81/2	0.73	14.27	8.96	C	extensional strike-slip
D3a	10	154/7	266/71	62/17	0.80	1.20	8.83	C	extensional strike-slip
D2b	5	69/31	332/12	223/56	1.00	3.00	12.4	E	radial compressional
D2a	6	113/16	338/68	207/15	0.83	1.17	9.05	D	extensional strike-slip
D1a	5	88/8	355/22	197/66	0.00	2.00	21.62	E	compressional strike-slip
Locality Skalica									
D6b	9	127/87	262/2	352/2	0.22	0.22	10.89	D	radial extensional
D6a	18	66/55	297/24	195/24	0.22	0.22	12.30	C	radial extensional
D5b	8	221/56	31/34	124/5	0.5	0.50	10.32	D	pure extensional
D5a	7	238/11	102/75	330/10	0.57	1.43	12.26	D	pure strike-slip
D4c	5	25/3	293/31	119/59	0.6	2.60	12.46	E	pure compressional
D4b	13	218/5	126/18	324/71	0.38	2.38	7.72	C	pure compressional
D4a	5	33/4	139/76	302/13	0.4	1.60	19.08	E	pure strike-slip
D3a	5	353/3	253/74	84/16	0.4	1.60	5.06	E	pure strike-slip
D2a	5	292/15	169/64	28/21	0.6	1.4	11.40	E	pure strike-slip

Tensor name – name of the homogeneous group of faults; *n* – number of fault-slip data used for stress tensor computation; σ_1, σ_2 and σ_3 – principal stress axes in format azimuth/dip (in degrees); *R* – stress ratio $(\sigma_2 - \sigma_3)/(\sigma_1 - \sigma_3)$; *R`* – tensor type (or stress regime) index as defined in Delvaux et al. (1997); α – mean slip deviation (angle between observed and computed slip directions, in degrees); Q (QRw) – World Stress Map project (WSM) quality ranking as defined in Sperner et al. (2003): A (best) to E (worst)