

TABLE DR1. KINEMATIC INVERSIONS OF EARTHQUAKE FOCAL MECHANISMS, WALKER LANE BELT

Domain name (number in Fig. DR1)	d_1 (trend, plunge)	d_3 (trend, plunge)	D	W	V	Cos^{-1} (Mean Cos Error)	Number of data	Maximum dextral shear rate (strike/dip/rake)
Ridgecrest area (1)*	94, -13	5, 2	0.5	-0.3	0.1	6.1863	250	N42°W/82°NE/10°NW
Central Coso Range (2)*	103, -3	14, 14	0.4	0	-0.1	7.8324	240	N31°W/82°SW/11°NW
Saline Valley- (3)	89, 4	182, 40	0.5	0.7	-0.4	6.0539	33	N38°W/66°NE/34°SE
Death Valley-Panamint Mts (4)	95, 11	194, 37	0.4	0.4	-0.3	6.152	49	N30°W/72°NE/38°SE
Round Mountain (5)	96, -1	187, -48	0.4	-0.6	-0.5	5.6211	29	N27°W/68°SW/39°NW
Round Valley (6)	84, 9	174, 0	0.5	-0.1	0	9.3582	230	N52°W/83°SW/7°SE
Hilton Creek (7)	73, -15	169, -19	0.6	0.2	0	6.6488	56	N58°W/88°SW/24°NW
Southern Long Valley (8)	56, -3	327, 15	0.6	0.6	0	8.2675	148	N78°W/88°SW/13°NW
Deep Spring Valley (9)	93, 4	183, -4	0.5	0	0	8.0382	207	N42°W/86°SW/0°
Chalfant Valley (10)	100, 6	191, 8	0.5	-0.1	0	7.3941	376	N34°W/88°NE/10°SE
Adobe Valley (11)	101, -12	160, 68	0.7	-0.2	-1	8.6118	30	N12°W/38°NE/58°SE
Northern Mono Basin (12)	108, -20	200, -4	0.5	0.5	0.1	6.5453	56	N30°W/74°NE/12°NW
Excelsior Mountains (13)	84, -6	174, 5	0.7	0.3	0.3	11.4405	81	N52°W/83°NE/1°NW
Bridgeport Valley (14)	67, 1	323, 85	0.7	0.2	-1.3	6.6829	55	(nearly pure normal slip)
Double Spring Flat (15)	96, 3	186, -10	0.4	-0.1	-0.1	8.2173	74	N38°W/80°SW/6°NW
Carson Range (16)	96, -2	186, -7	0.3	0	-0.2	7.8787	53	N39°W/85°SW/7°NW
Truckee area (17)	91, 1	183, 67	0.5	0	-0.8	5.9079	31	N20°W/49°NE/60°SE
Mohawk Valley (18)	76, 10	182, 58	0.8	0.2	-0.9	7.4834	25	N38°W/60°NE/56°SE
Almanor Basin (19)	55, 14	157, 40	0.4	0.3	-0.4	9.0331	18	N68°W/74°NE/42°SE

*Inversion results from Unruh et al. (2002)