Table 5. Solution Statistics

SAF Lock Depth (km)	SAF Dextral Slip (mm/yr)	ECSZ Dextral Slip (mm/yr)	Thrust Faults Width (km)	Thrust Faults Sinistral Slip (mm/yr)	Residual χ^2	Confidence %
Horizontal Decollement Model (Model HD)						
20	25	4	40	0	820.8	
20	30	4	40	0	830.6	
30	30	4	40	0	790.2	99.0
30	30	12	40	0	743.4	99.6
30	30	12	40	5	727.8	90.6
Constant Dip Model (Model CD)						
20	25	4	57	0	794.0	
20	30	4	57	0	824.8	
30	30	4	57	0	769.8	99.8
30	30	12	57	0	727.6	99.4
30	30	12	57	13	687.1	99.4

Each model confidence level is obtained from comparing the model with the one above it.