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Citation: Eisermann et al. (2021): Experimental data on scaled analogue experiments modelling GPS velocity field variations and kinematic partitioning in the Southern Andes (34°S to 42°S). GFZ Data Services. <http://doi.org/10.5880/figeo.2021.023>

Supplement to: to be added

ZIP folder	Folder size	Sub-folder	File name	File format	Content		
2021-023_Eisermann-et-al_Movies	1.57 GB	Combined	Eisermann et al - Setup 1_2_3	.mov	Movie showing cumulative surface displacement and divergence		
		Setup 1	Eisermann et al - Setup 1 - Divergence	.mov	Movie showing cumulative surface divergence		
			Eisermann et al - Setup 1 - Rotation	.mov	Movie showing cumulative surface vorticity		
			Eisermann et al - Setup 1 - Shear	.mov	Movie showing cumulative surface shear		
			Eisermann et al - Setup 1 - Surface	.mov	Movie showing experimental surface		
			Eisermann et al - Setup 1 - Vector	.mov	Movie showing cumulative surface displacement vector and Z-displacement		
			Eisermann et al - Setup 1_a - Differential Strain	.mov	Movie showing differential surface strain		
			Eisermann et al - Setup 1_a - Divergence	.mov	Movie showing cumulative surface divergence		
			Eisermann et al - Setup 1_a - Rotation	.mov	Movie showing cumulative surface vorticity		
			Eisermann et al - Setup 1_a - Shear	.mov	Movie showing cumulative surface shear		
			Eisermann et al - Setup 1_a - Surface	.mov	Movie showing experimental surface		
			Eisermann et al - Setup 1_a - Vector	.mov	Movie showing cumulative surface displacement vector and Z-displacement		
		Setup 2	Eisermann et al - Setup 2 - Divergence	.mov	Movie showing cumulative surface divergence		
			Eisermann et al - Setup 2 - Rotation	.mov	Movie showing cumulative surface vorticity		
			Eisermann et al - Setup 2 - Shear	.mov	Movie showing cumulative surface shear		
			Eisermann et al - Setup 2 - Surface	.mov	Movie showing experimental surface		
			Eisermann et al - Setup 2 - Vector	.mov	Movie showing cumulative surface displacement vector and Z-displacement		
			Eisermann et al - Setup 2_a - Differential Strain	.mov	Movie showing differential surface strain		
			Eisermann et al - Setup 2_a - Divergence	.mov	Movie showing cumulative surface divergence		
			Eisermann et al - Setup 2_a - Rotation	.mov	Movie showing cumulative surface vorticity		
			Eisermann et al - Setup 2_a - Shear	.mov	Movie showing cumulative surface shear		
			Eisermann et al - Setup 2_a - Surface	.mov	Movie showing experimental surface		
			Eisermann et al - Setup 2_a - Vector	.mov	Movie showing cumulative surface displacement vector and Z-displacement		
		Setup 3	Eisermann et al - Setup 3 - Divergence	.mov	Movie showing cumulative surface divergence		
			Eisermann et al - Setup 3 - Rotation	.mov	Movie showing cumulative surface vorticity		
			Eisermann et al - Setup 3 - Shear	.mov	Movie showing cumulative surface shear		
			Eisermann et al - Setup 3 - Surface	.mov	Movie showing experimental surface		
			Eisermann et al - Setup 3 - Vector	.mov	Movie showing cumulative surface displacement vector and Z-displacement		
			Eisermann et al - Setup 3_a - Differential Strain	.mov	Movie showing differential surface strain		
			Eisermann et al - Setup 3_a - Divergence	.mov	Movie showing cumulative surface divergence		
			Eisermann et al - Setup 3_a - Rotation	.mov	Movie showing cumulative surface vorticity		
			Eisermann et al - Setup 3_a - Shear	.mov	Movie showing cumulative surface shear		
			Eisermann et al - Setup 3_a - Surface	.mov	Movie showing experimental surface		
			Eisermann et al - Setup 3_a - Vector	.mov	Movie showing cumulative surface displacement vector and Z-displacement		
		2021-023_Eisermann-et-al_Images	73.4 MB	Setup 1	Eisermann et al - Setup 1	.bmp	Final divergence, distortion and surface height, collectively indicating model fault patterns.
					Eisermann et al - Setup 1_a	.bmp	
Setup 2	Eisermann et al - Setup 2			.bmp	Final divergence, distortion and surface height, collectively indicating model fault patterns.		
	Eisermann et al - Setup 2_a			.bmp			
Setup 3	Eisermann et al - Setup 3			.bmp	Final divergence, distortion and surface height, collectively indicating model fault patterns.		
	Eisermann et al - Setup 3_a			.bmp			
Setup 3a	Eisermann et al - Setup 3a			.bmp	Final divergence, distortion and surface height, collectively indicating model fault patterns. In contrast to setup 3, the right piston is not moved in this experiment.		
Setup 4	Eisermann et al - Setup 4			.bmp	Final divergence, distortion and surface height, collectively indicating model fault patterns. The experiments do not entail any model crustal strength gradient and pistons converge at the same rates.		
	Eisermann et al - Setup 4_a			.bmp			
Setup 5	Eisermann et al - Setup 5			.bmp	Final divergence, distortion and surface height, collectively indicating model fault patterns. The experiment is characterized by pure strike slip without along-strike model crustal strength gradient.		
2021-023_Eisermann-et-al_Data	29 KB				Eisermann et al - Recording parameter	.xlsx	Recording parameter
			Eisermann et al - Experimental parameter	.xlsx	Experimental parameter		