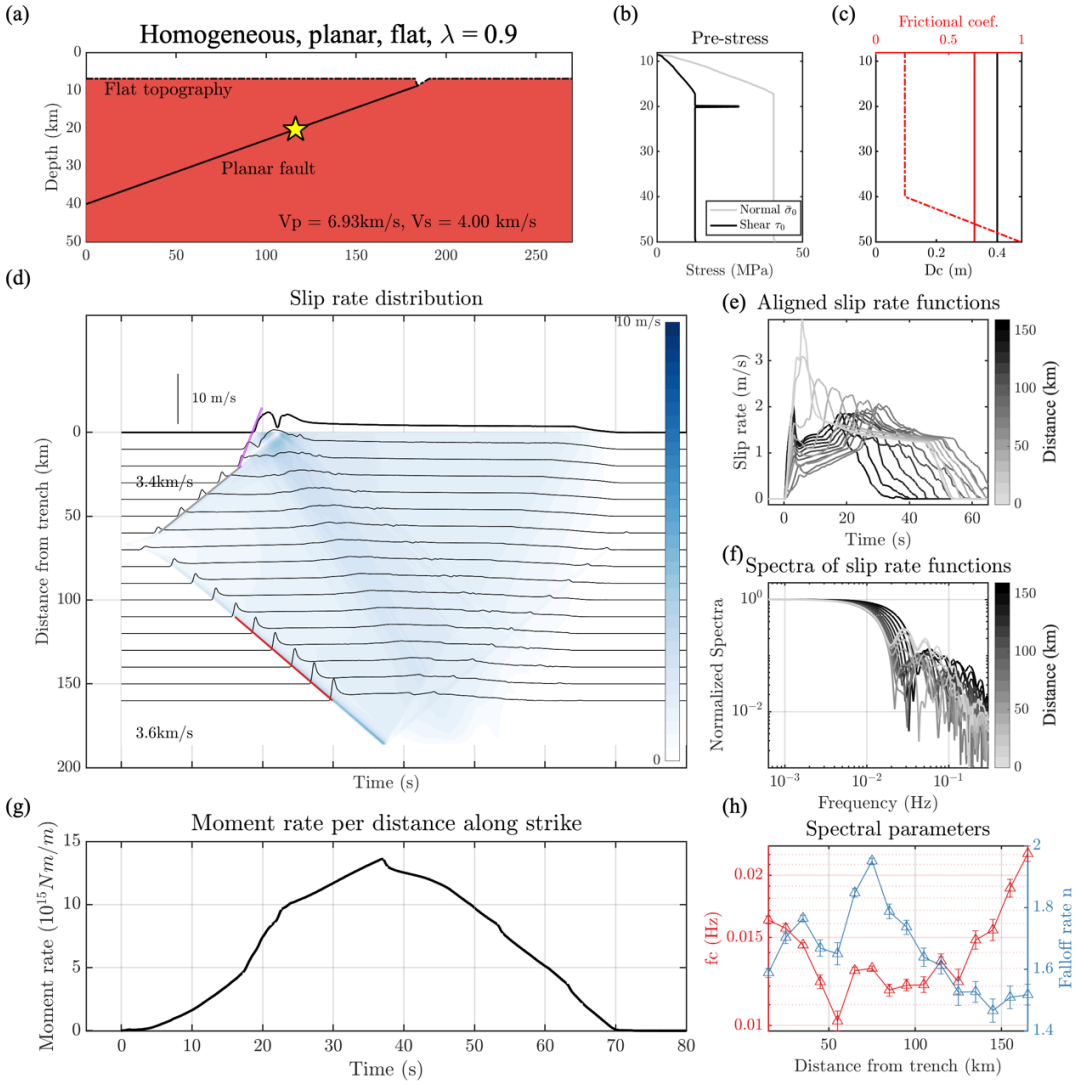
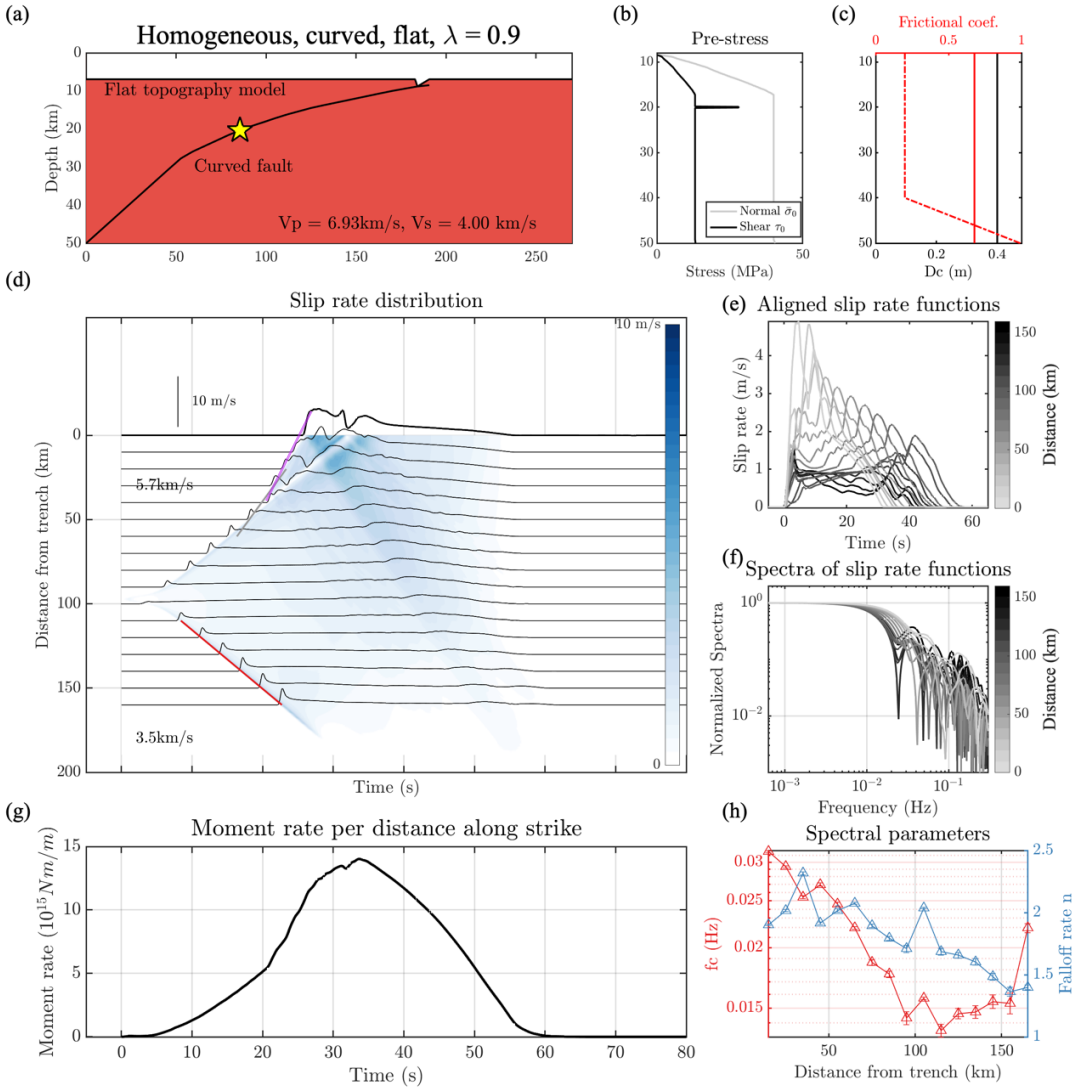
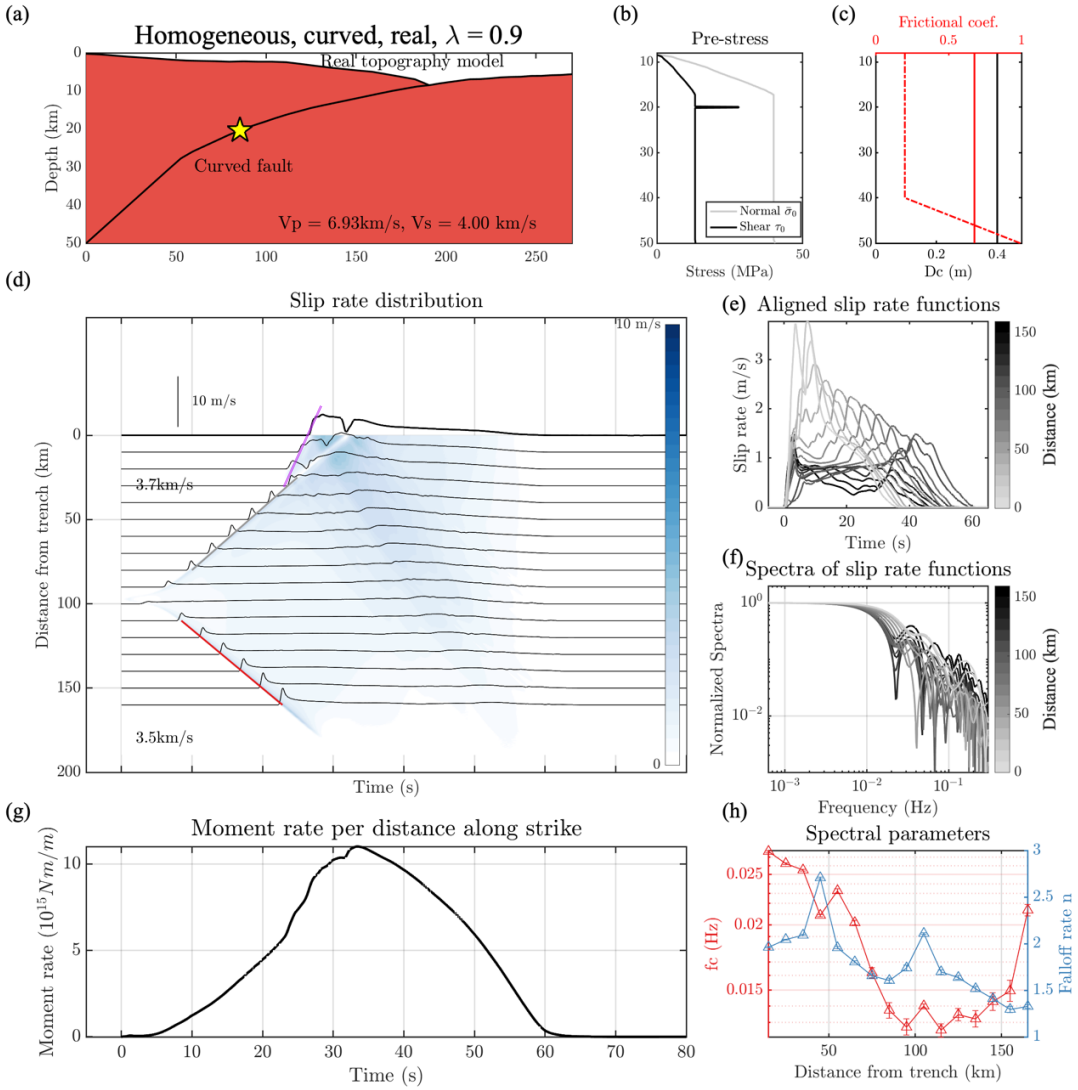
Model 1: Homogeneous media, planar fault, flat topography, $\lambda = 0.9$



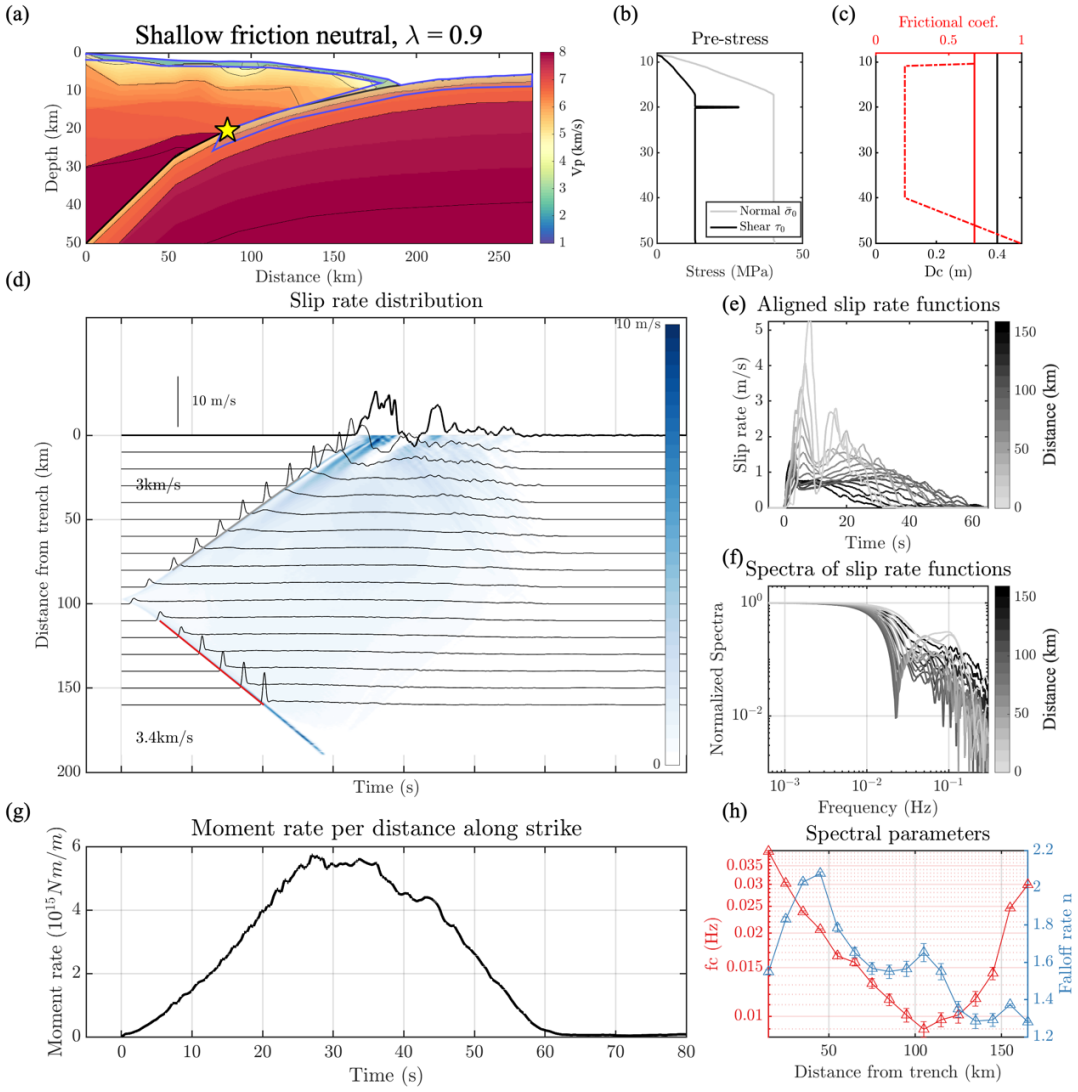
Model 2: Homogeneous media, curved fault, flat topography, $\lambda = 0.9$



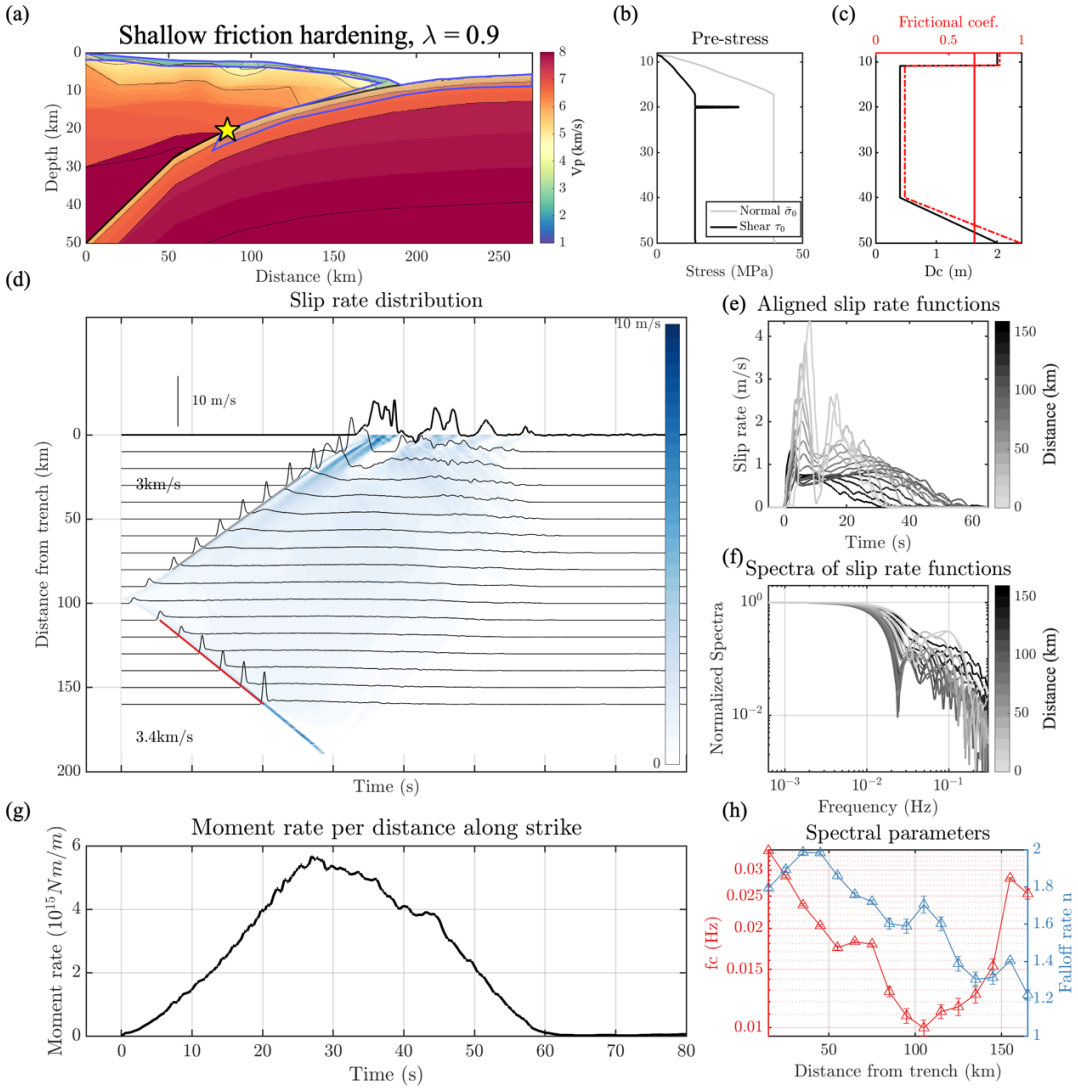
Model 3: Homogeneous media, curved fault, realistic topography, $\lambda = 0.9$



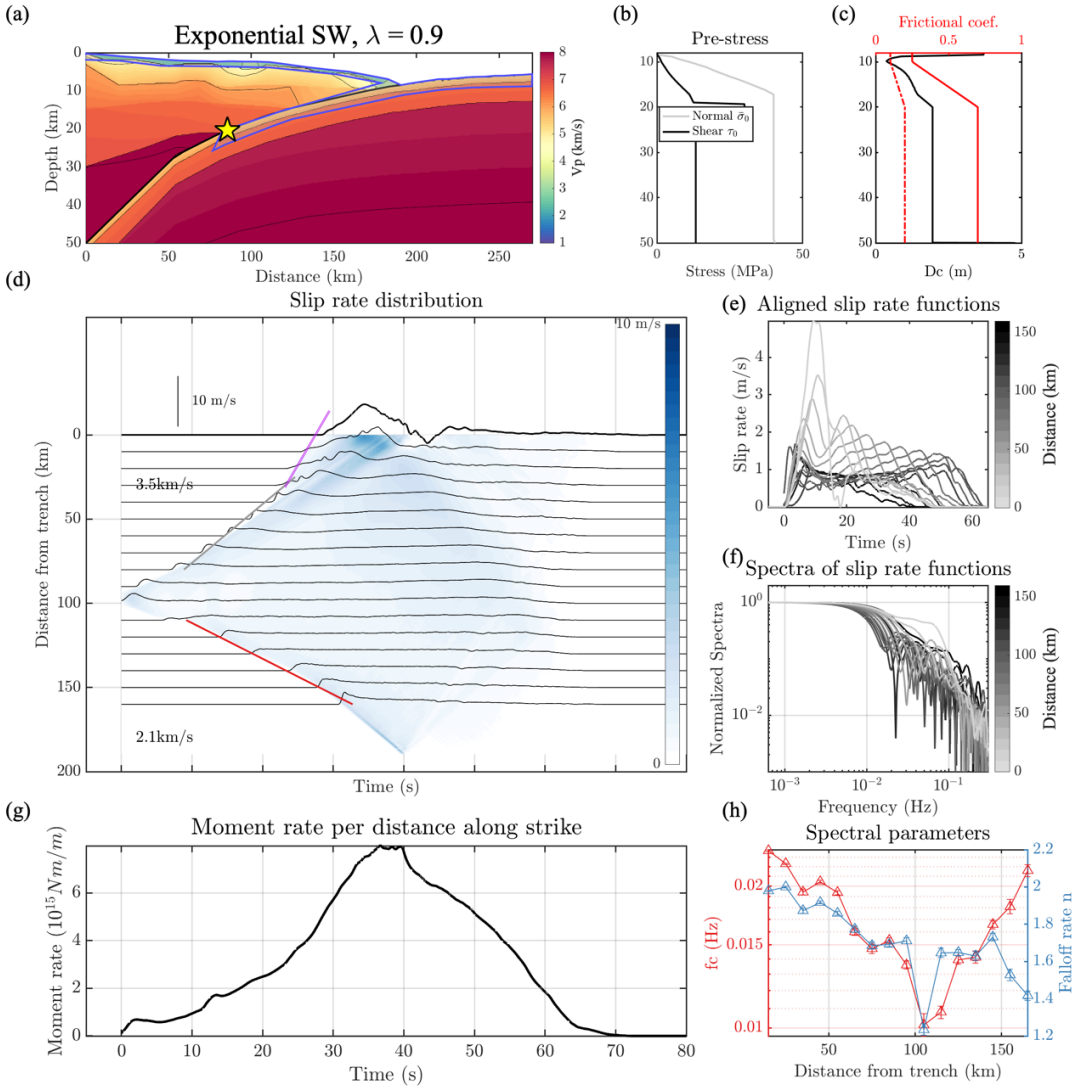
Model 4: Heterogeneous media, curved fault, realistic topography, shallow neutral friction, $V_P/V_S = \sqrt{3}, \lambda = 0.9$



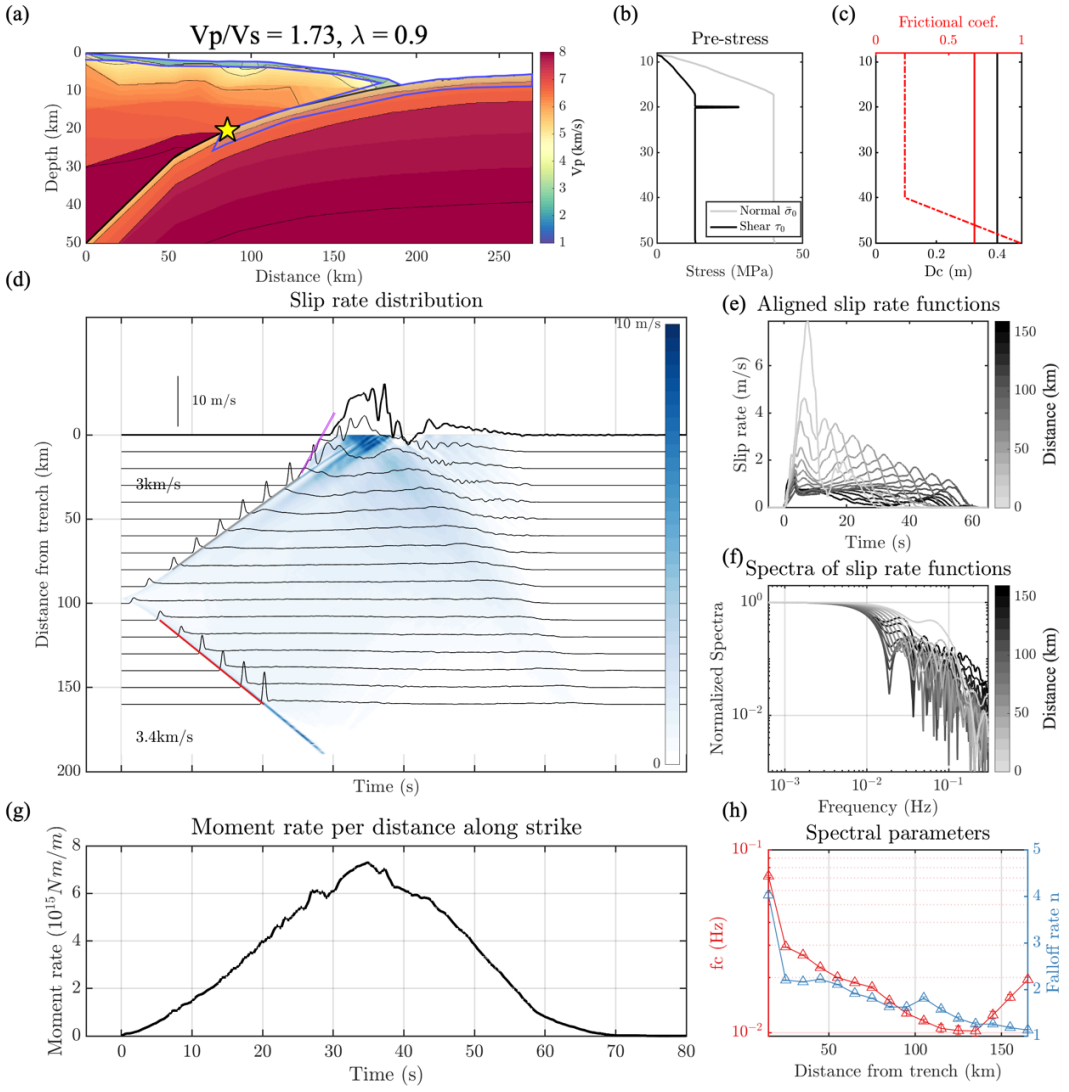
Model 5: Heterogeneous media, curved fault, realistic topography, shallow hardening/strenghtening friction, $V_P/V_S = \sqrt{3}, \lambda = 0.9$



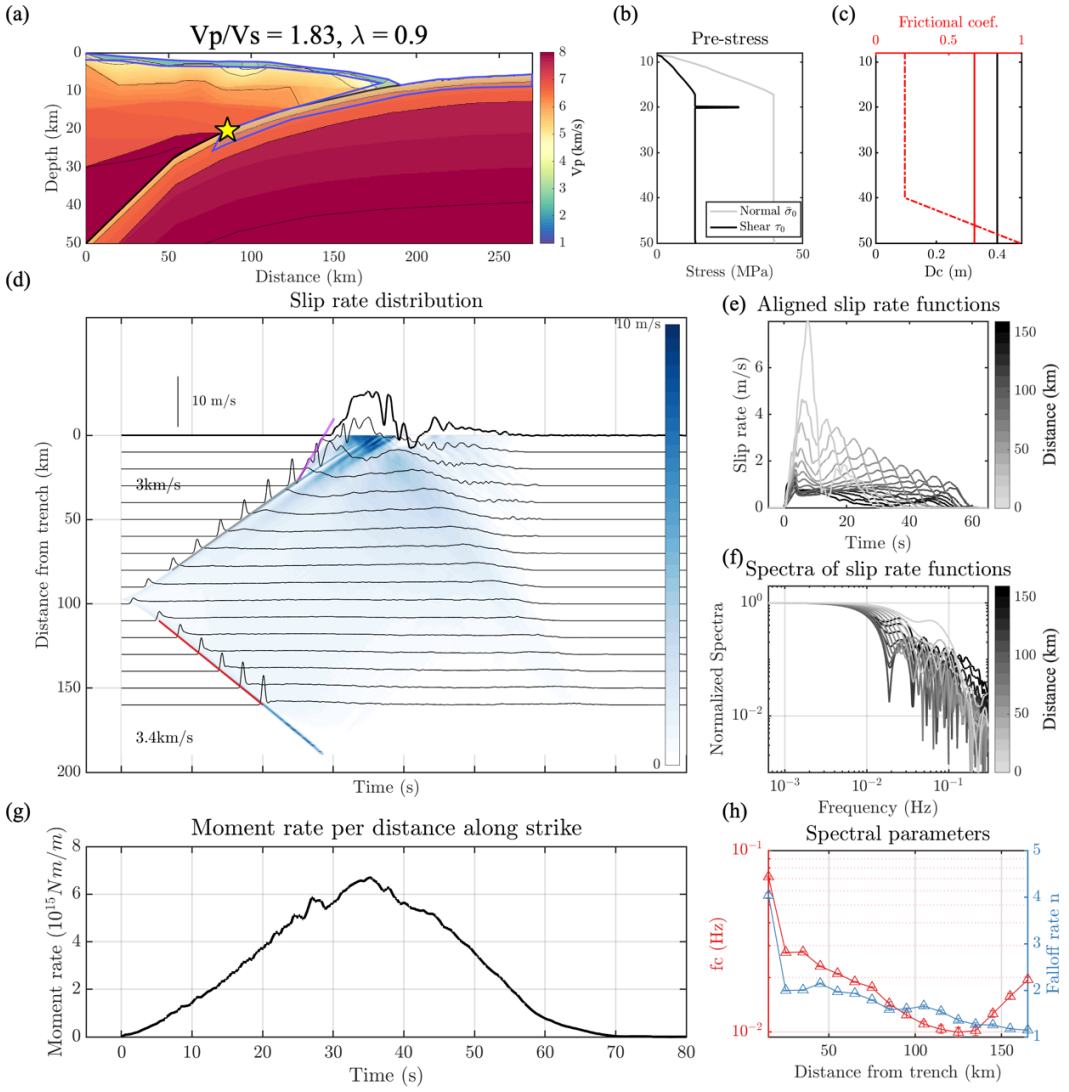
Model 6: Heterogeneous media, curved fault, realistic topography, exponential slip-weakening friction, $V_P/V_S = \sqrt{3}, \lambda = 0.9$



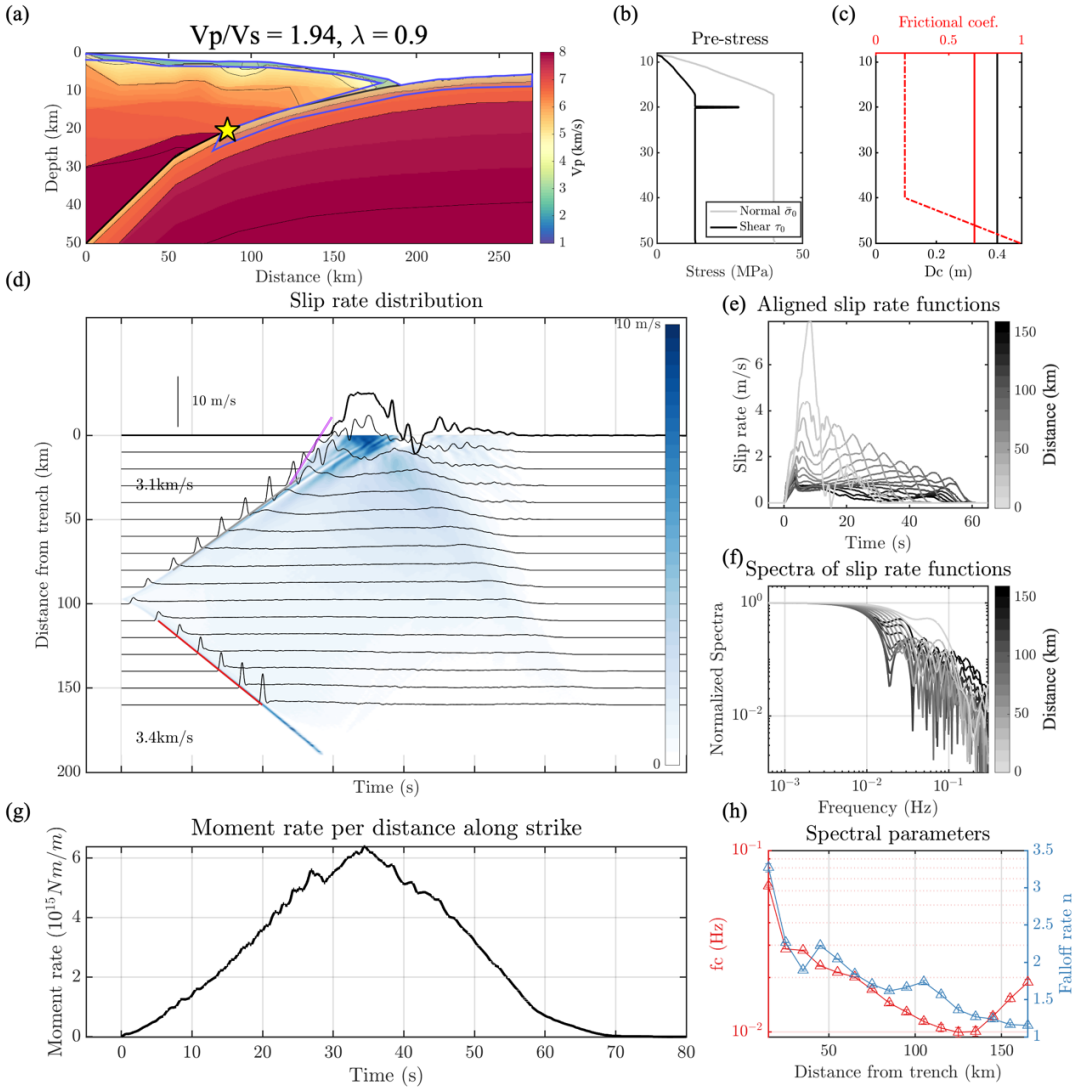
Model 7: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = \sqrt{3}, \lambda = 0.9$



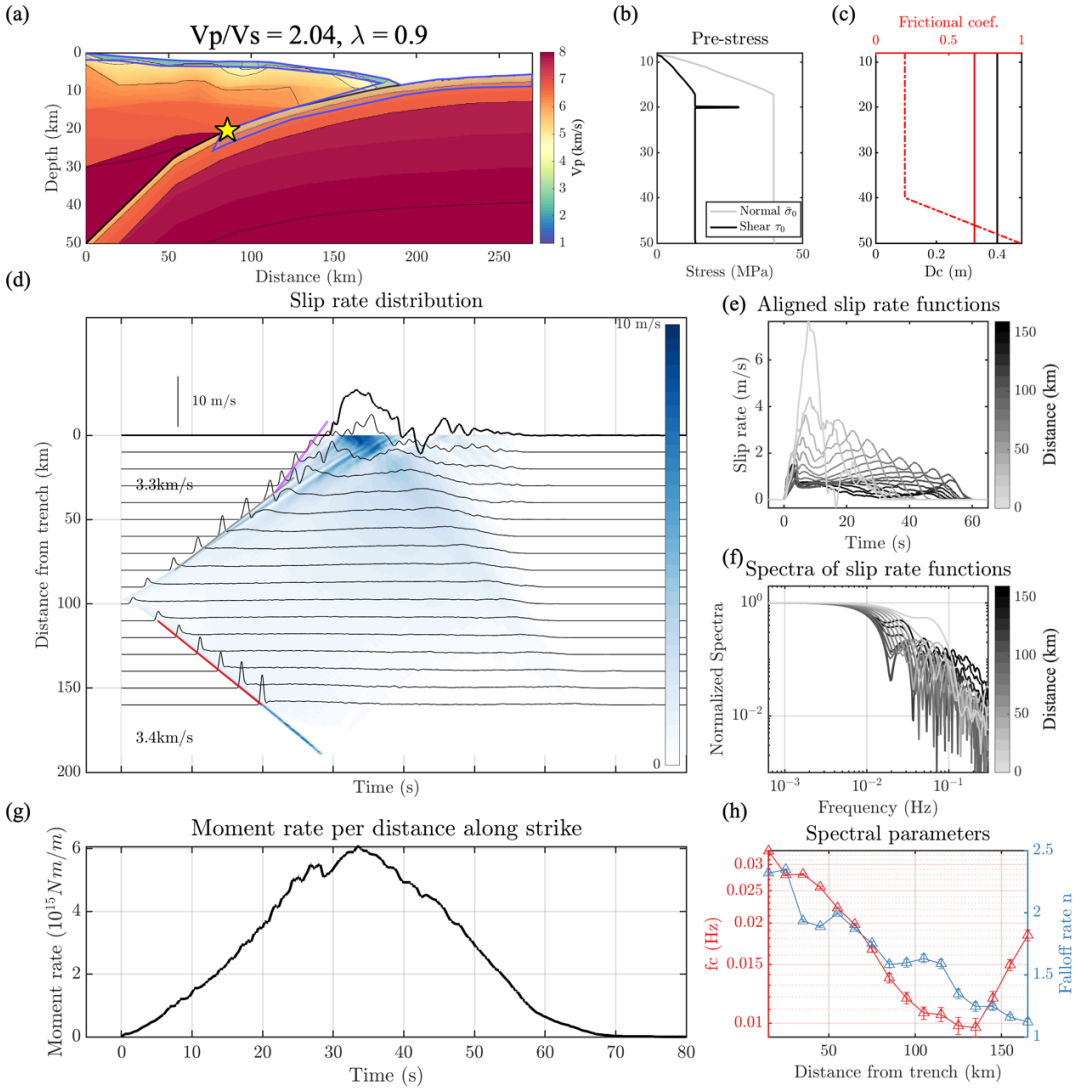
Model 8: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 1.83, \lambda = 0.9$



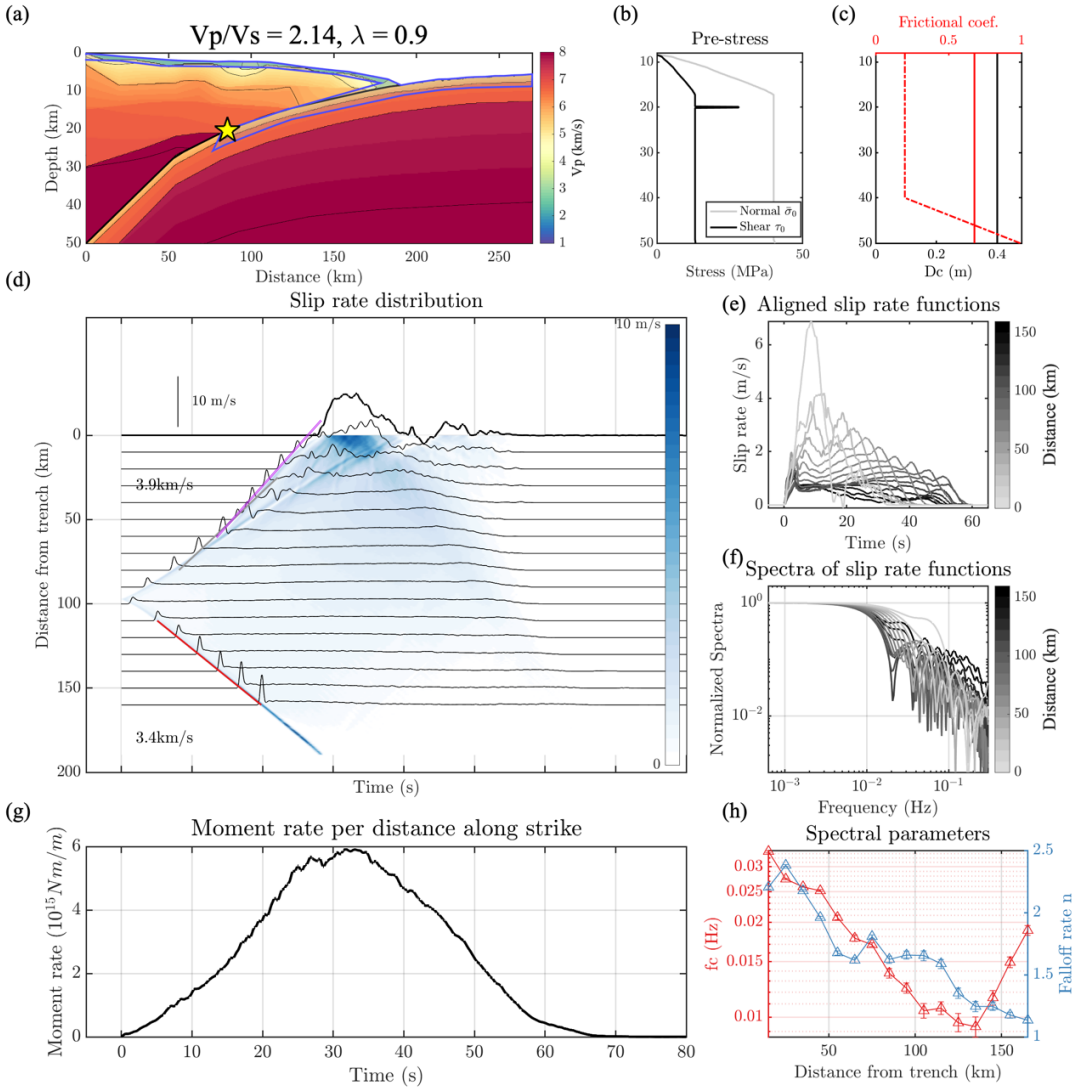
Model 9: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 1.94, \lambda = 0.9$



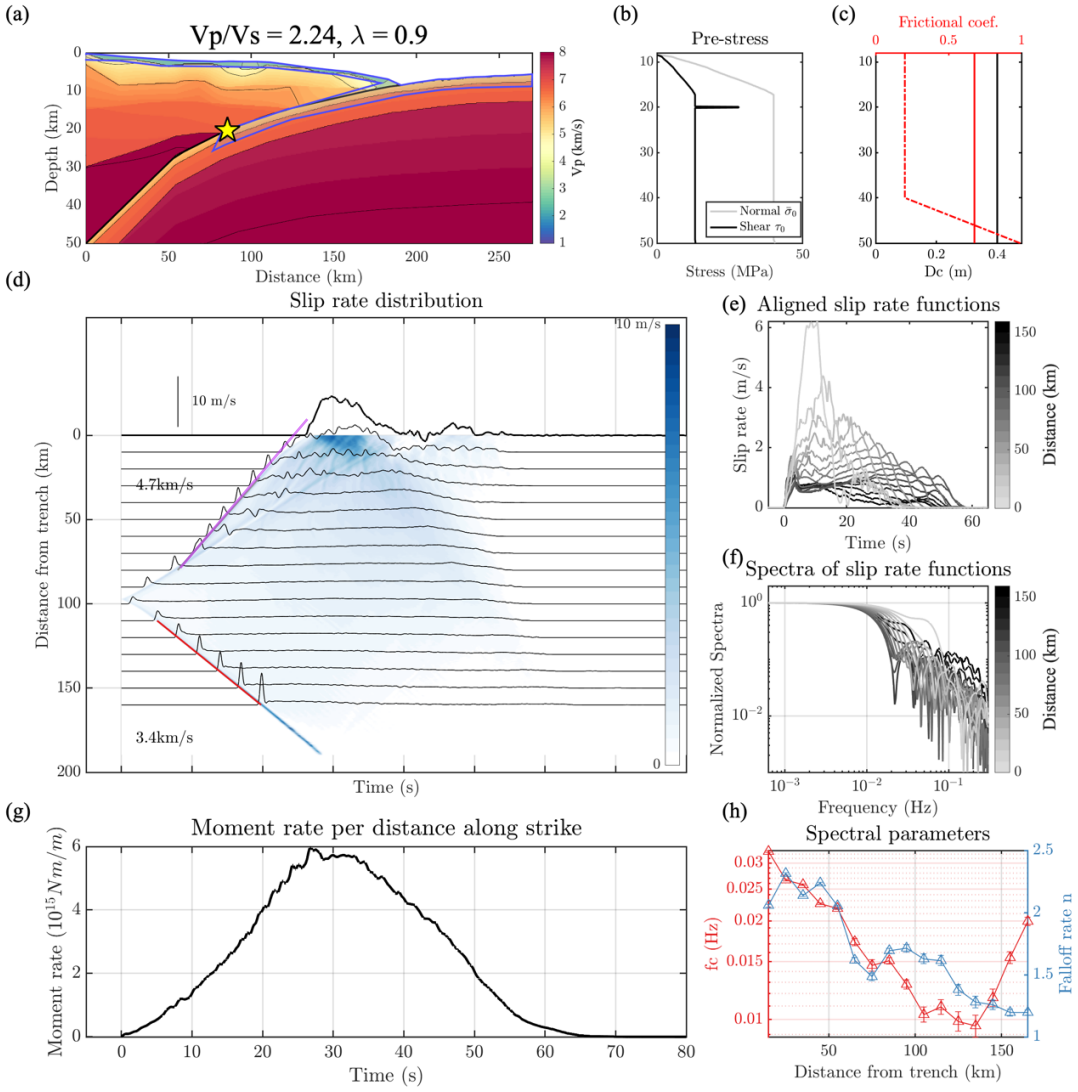
Model 10: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.04, \lambda = 0.9$



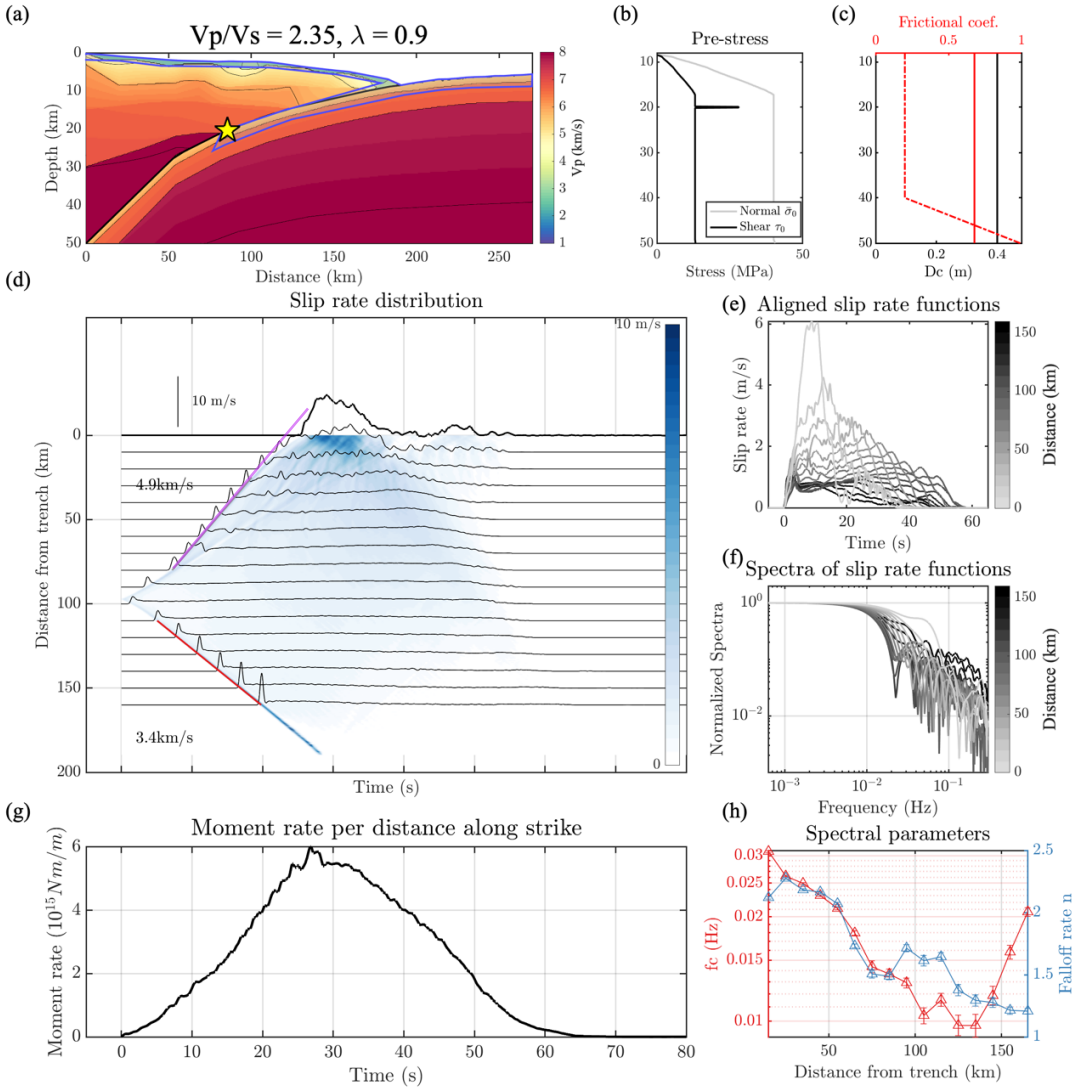
Model 11: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.14, \lambda = 0.9$



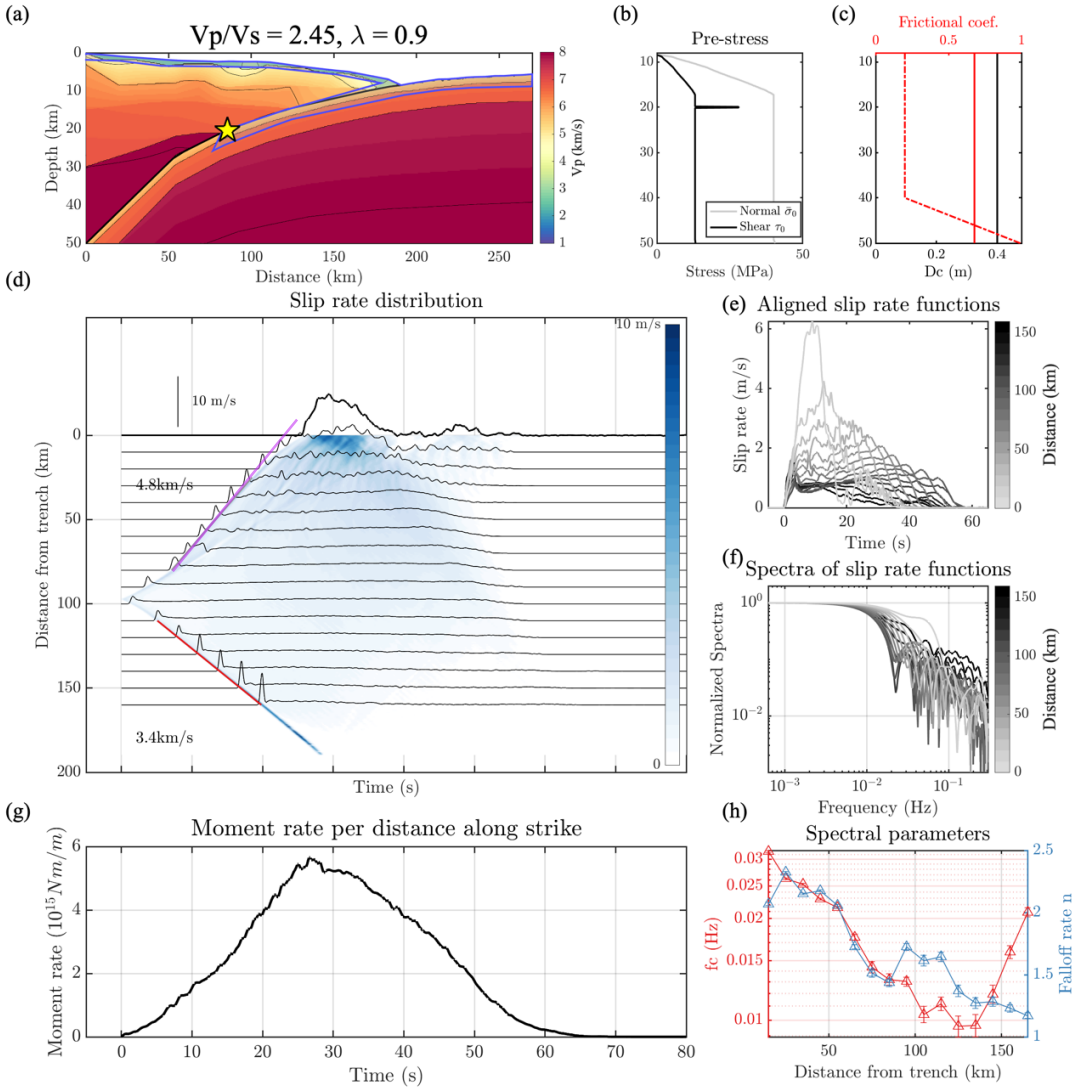
Model 12: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.24, \lambda = 0.9$



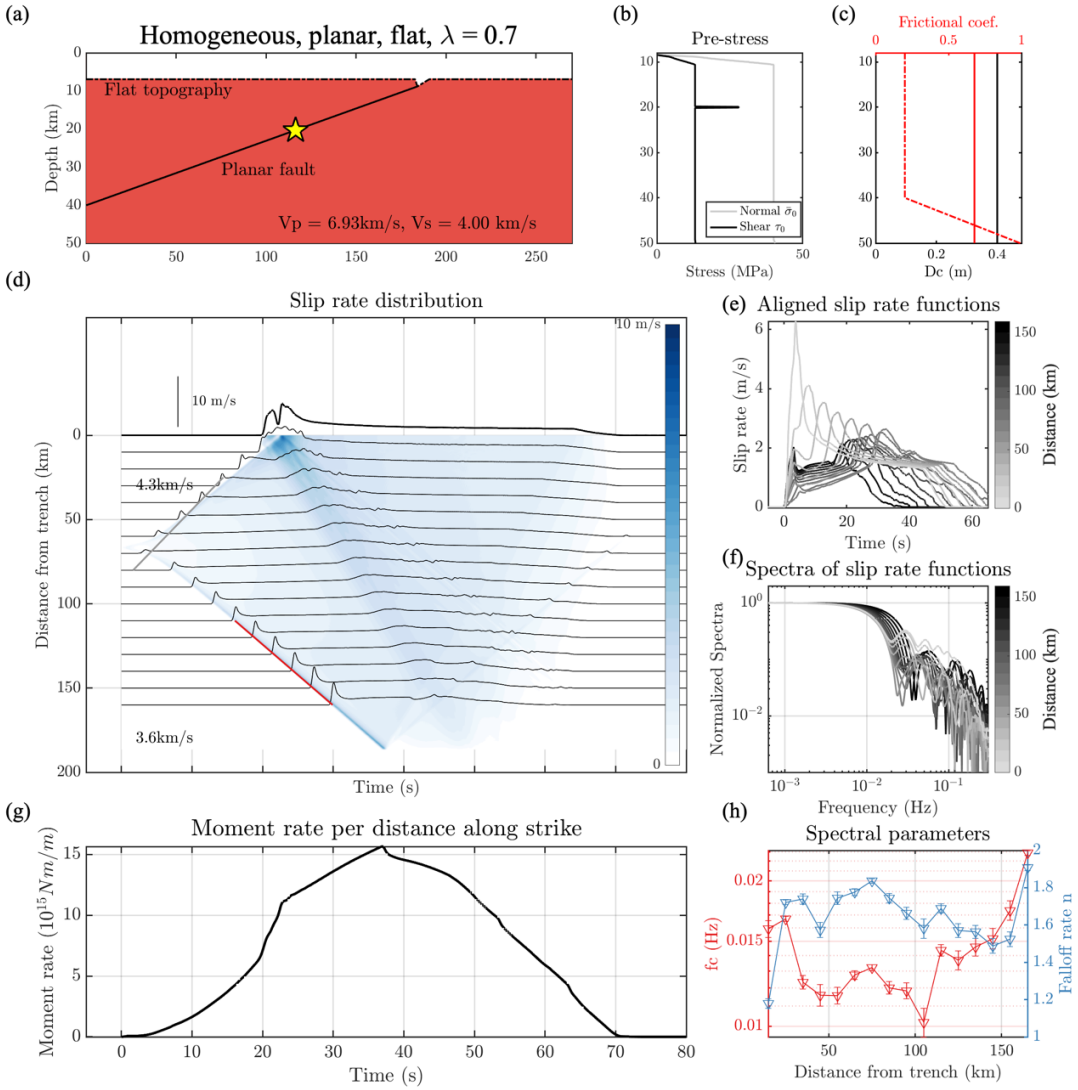
Model 13: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.35, \lambda = 0.9$



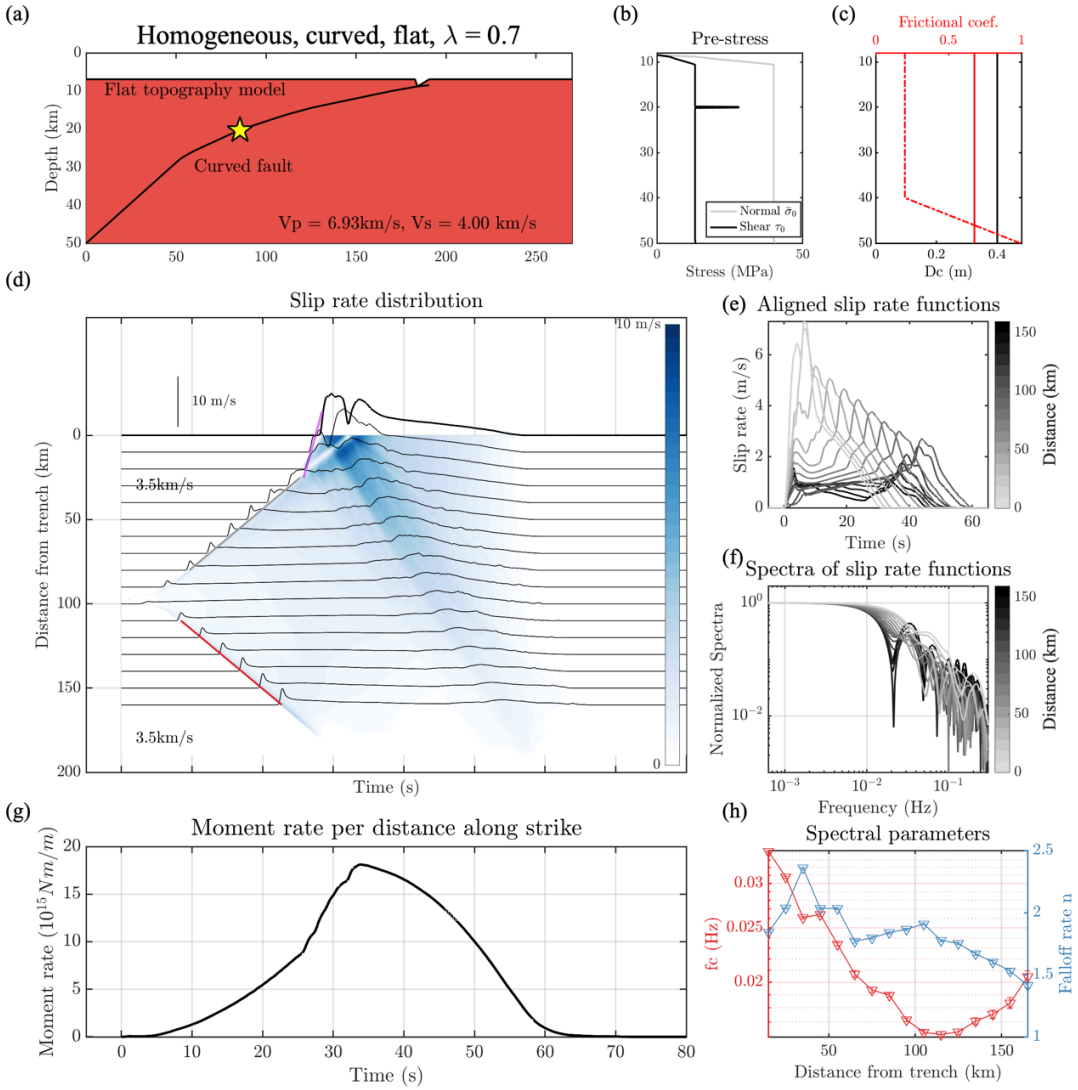
Model 14: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.45, \lambda = 0.9$



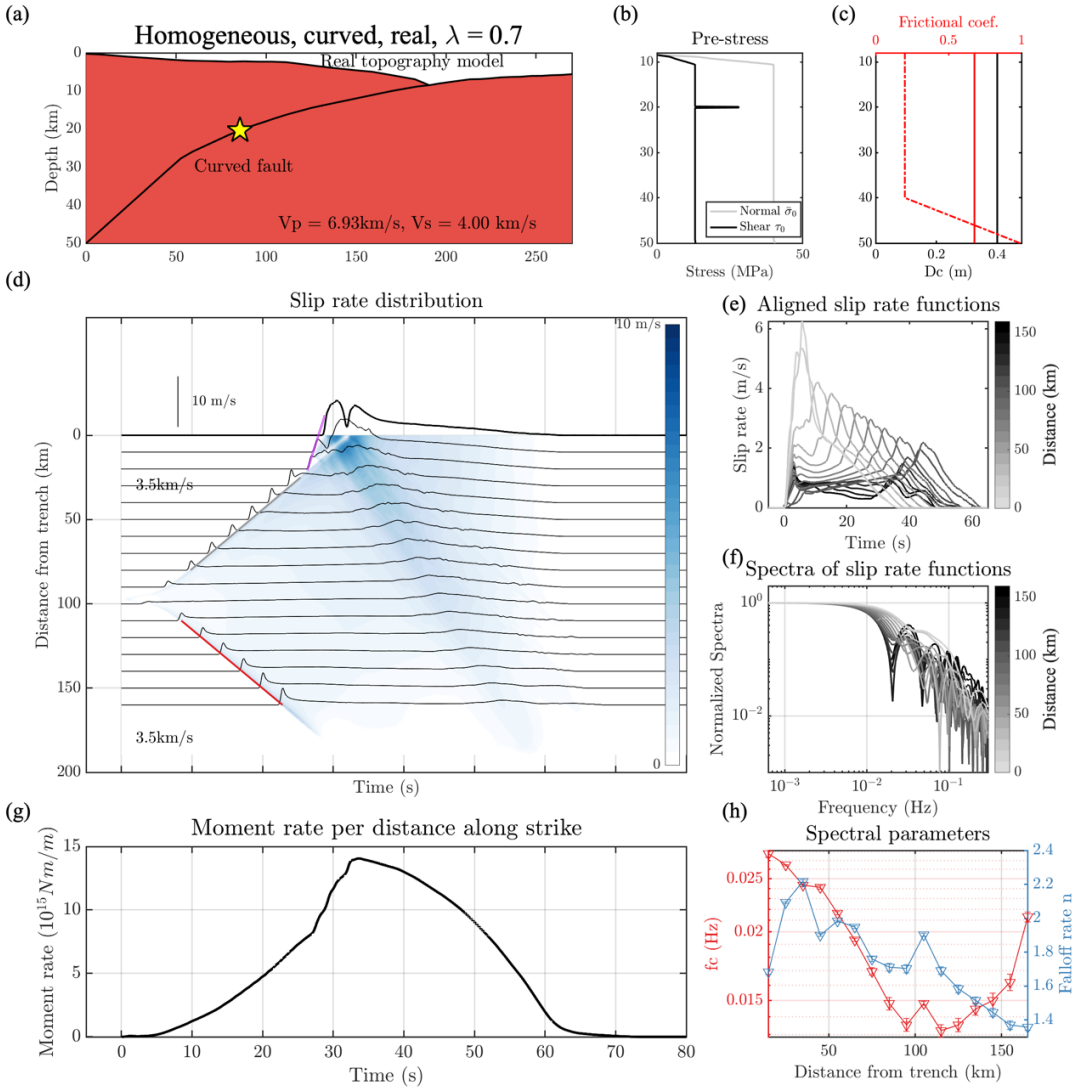
Model 15: Homogeneous media, planar fault, flat topography, $\lambda = 0.7$



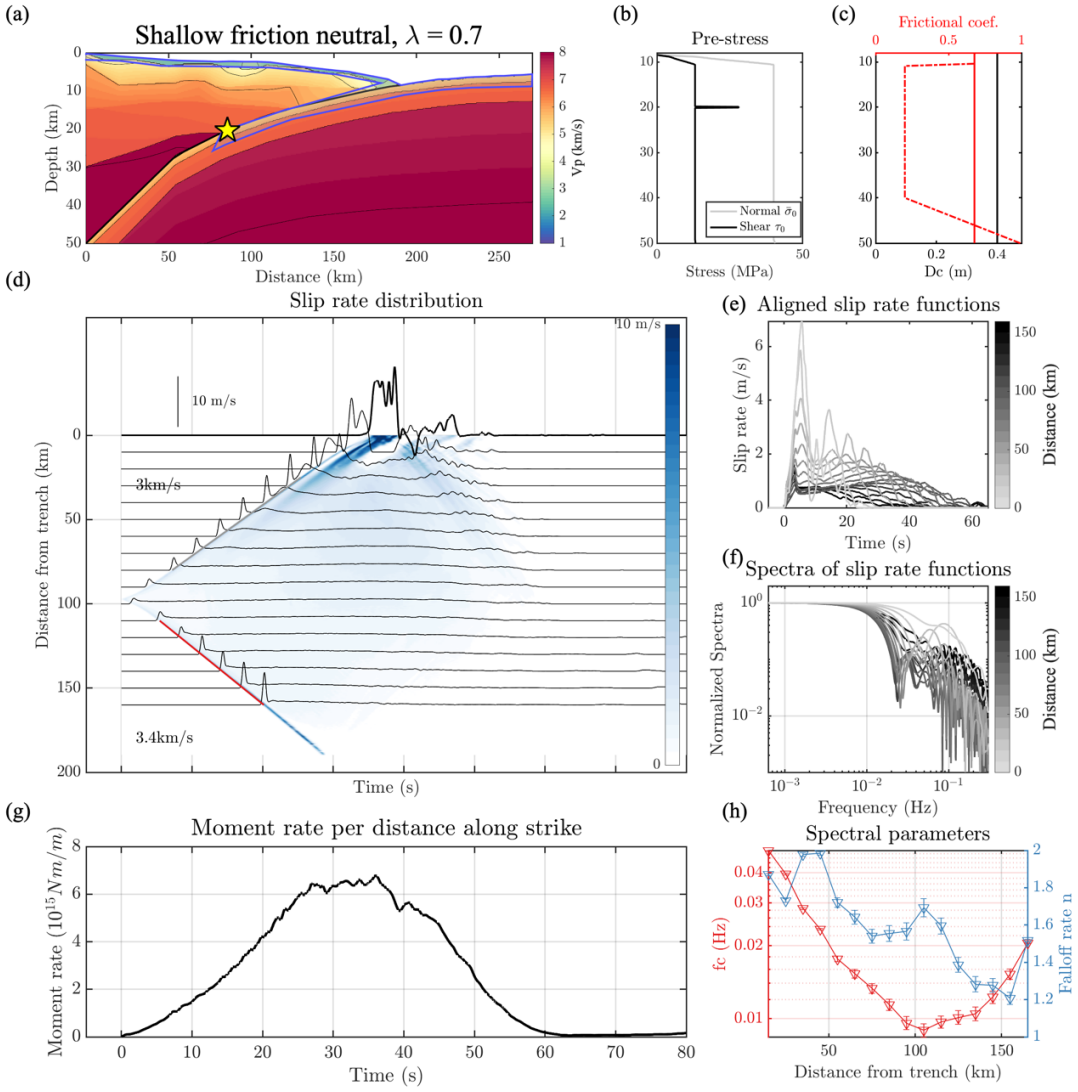
Model 16: Homogeneous media, curved fault, flat topography, $\lambda = 0.7$



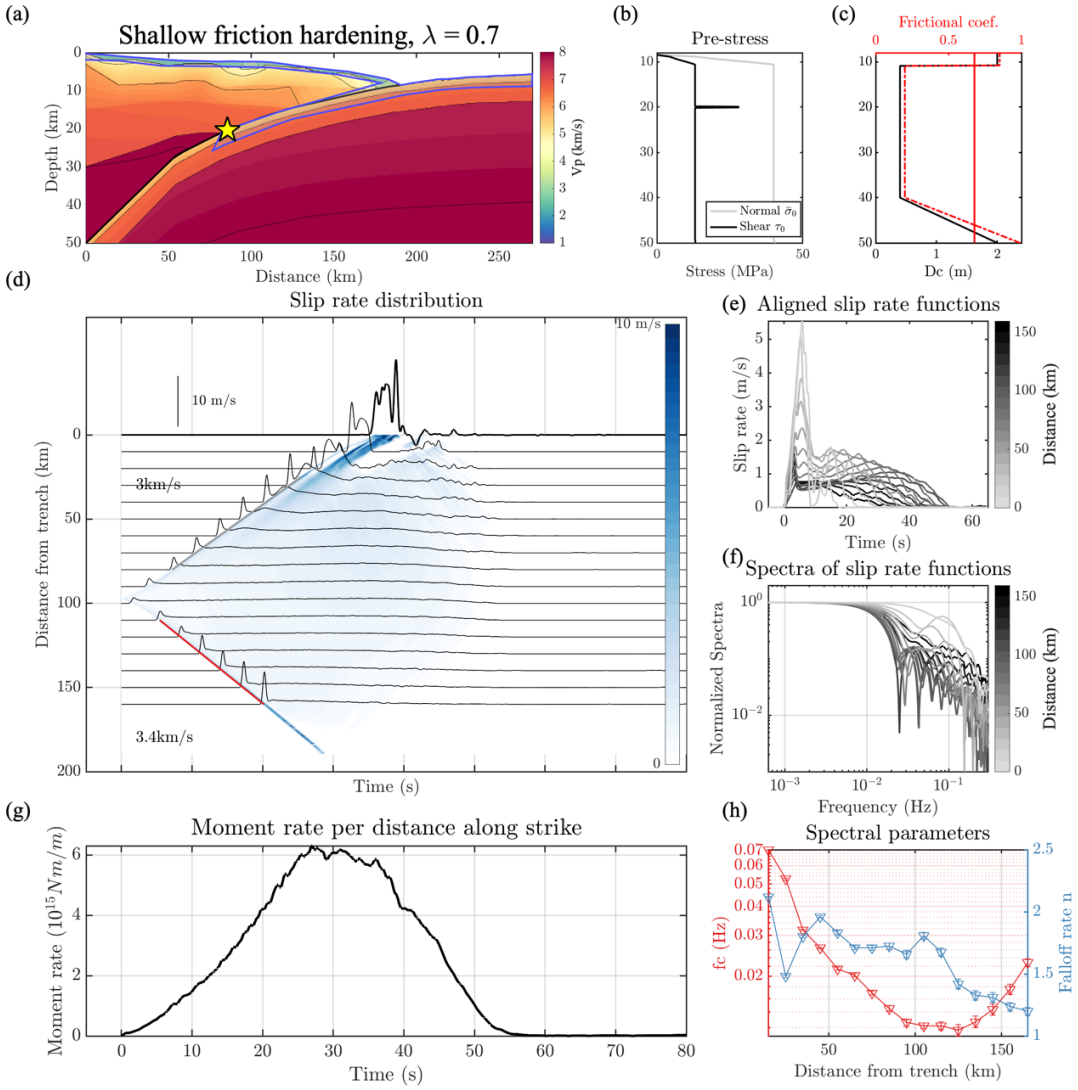
Model 17: Homogeneous media, curved fault, realistic topography, $\lambda = 0.7$



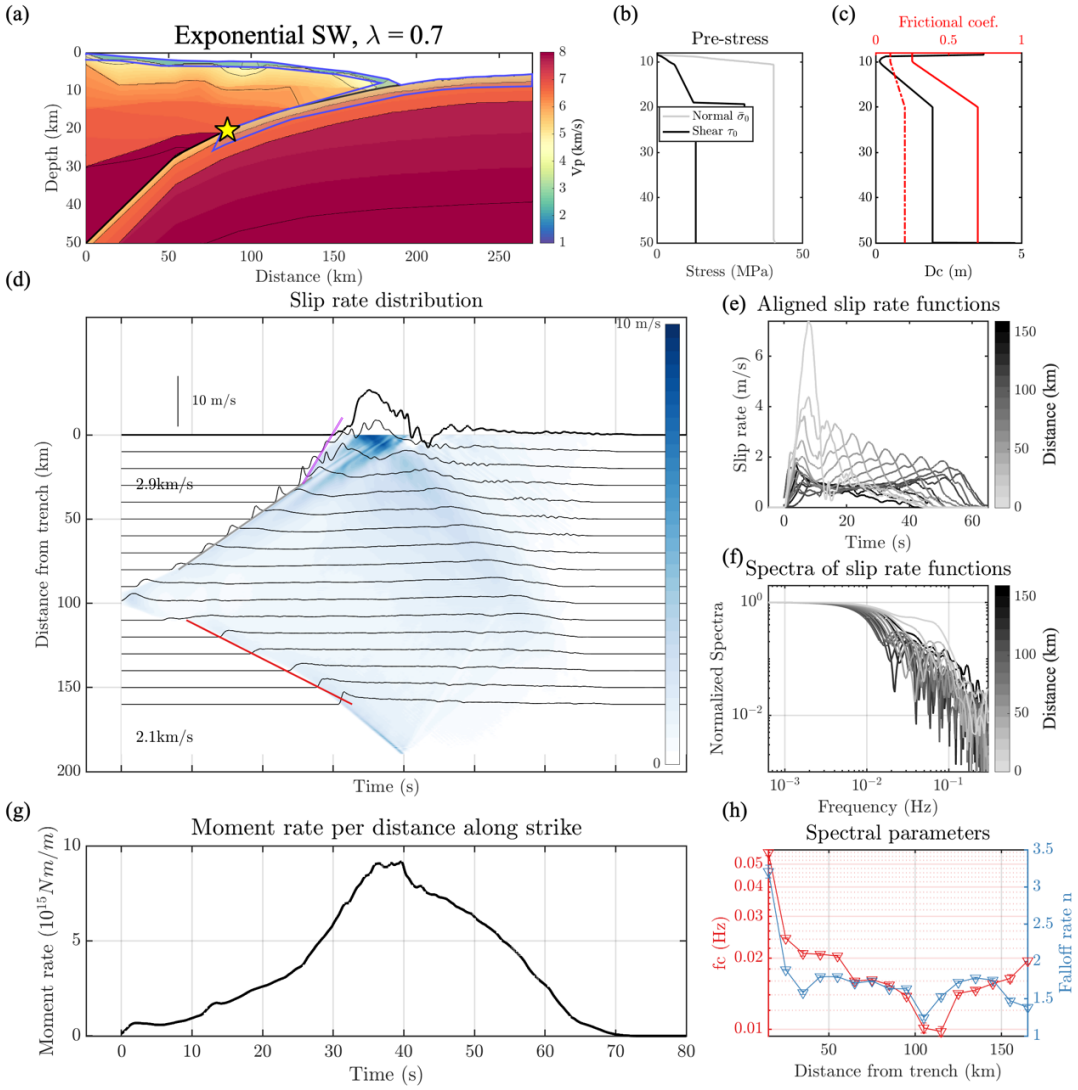
Model 18: Heterogeneous media, curved fault, realistic topography, shallow neutral friction, $V_P/V_S = \sqrt{3}, \lambda = 0.7$



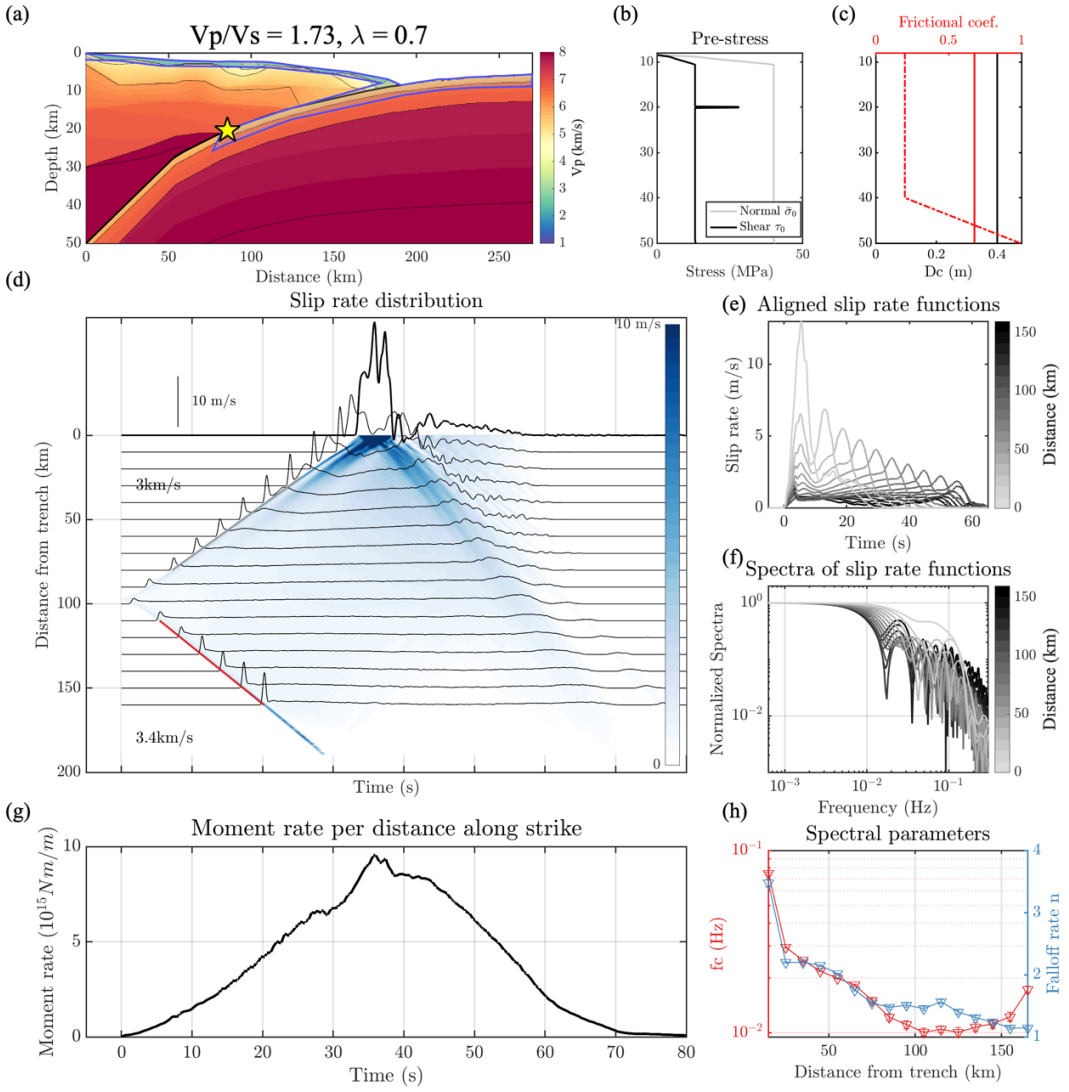
Model 19: Heterogeneous media, curved fault, realistic topography, shallow hardening/strenghtening friction, $V_P/V_S = \sqrt{3}, \lambda = 0.7$



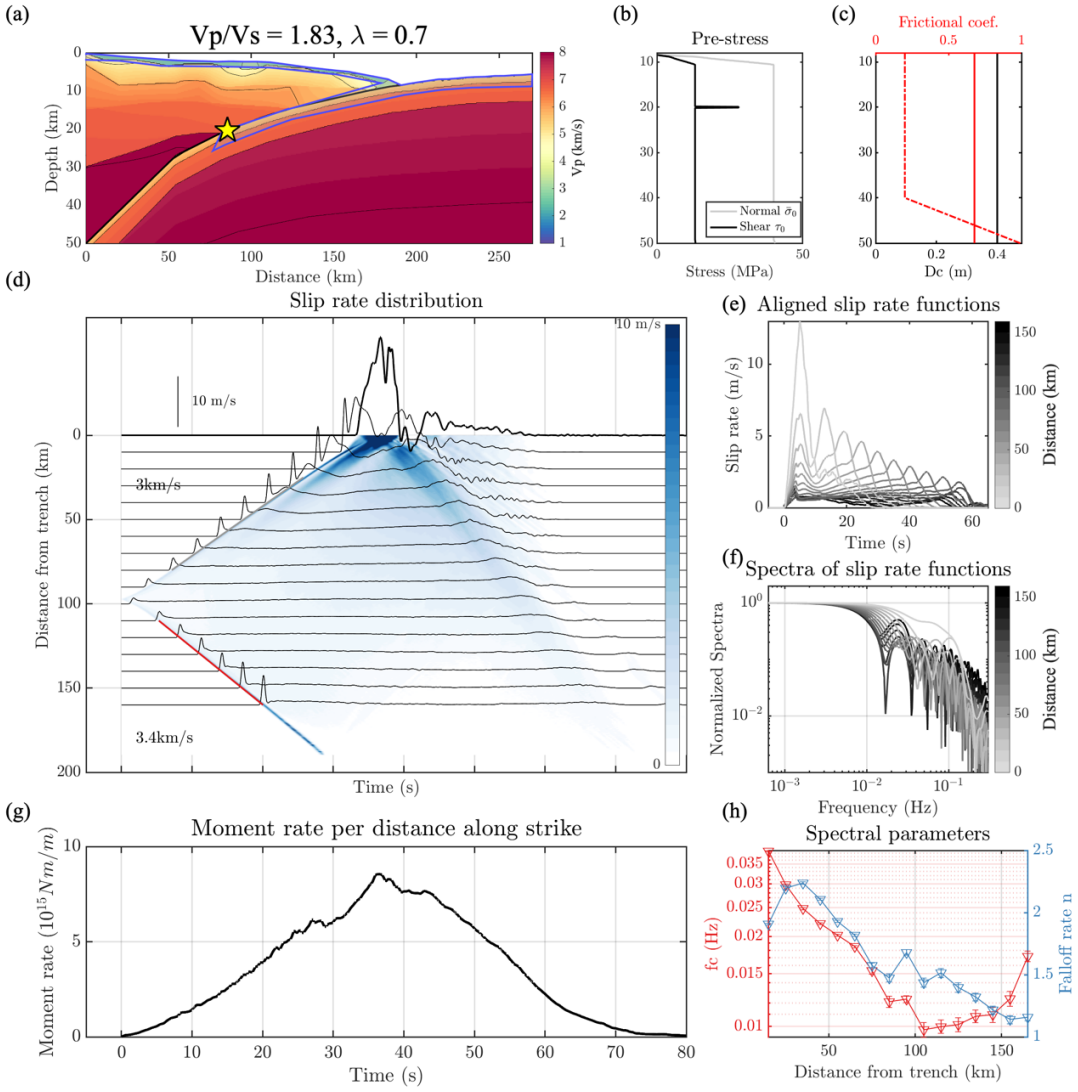
Model 20: Heterogeneous media, curved fault, realistic topography, exponential slip-weakening friction, $V_P/V_S = \sqrt{3}, \lambda = 0.7$



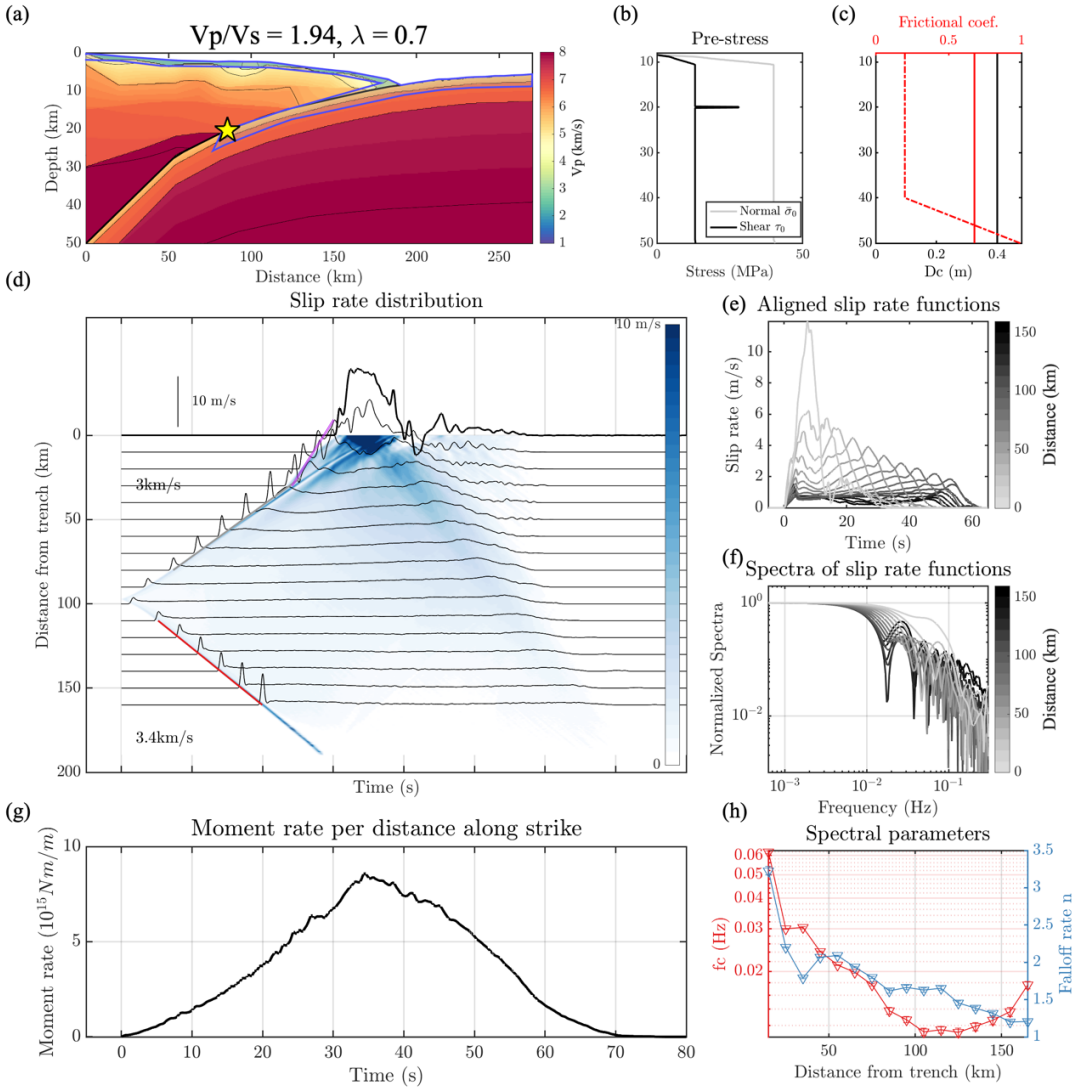
Model 21: Heterogeneous media, curved fault, realistic topography, slip-weakening friction, $V_P/V_S = \sqrt{3}, \lambda = 0.7$



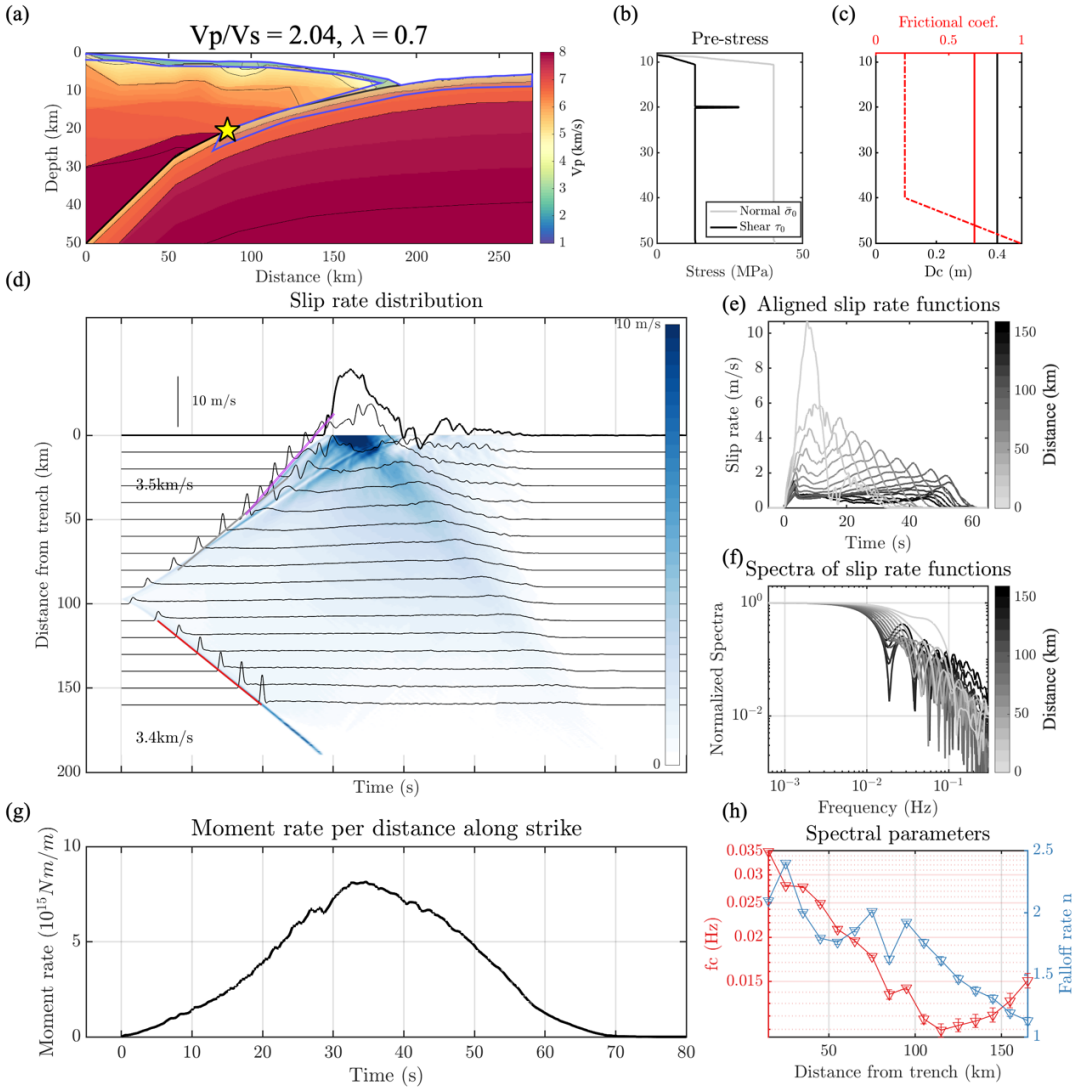
Model 22: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 1.83, \lambda = 0.7$



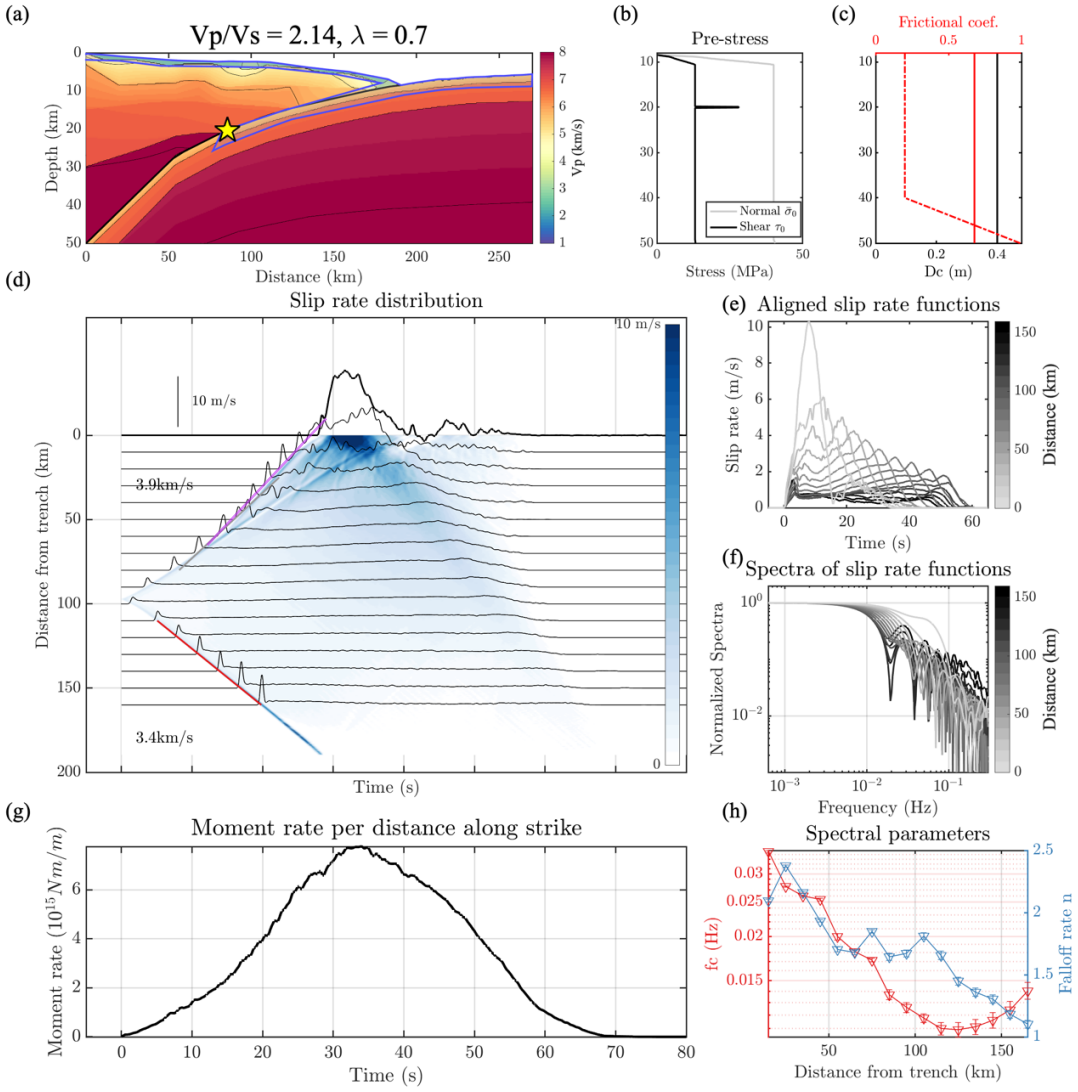
Model 23: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 1.94, \lambda = 0.7$



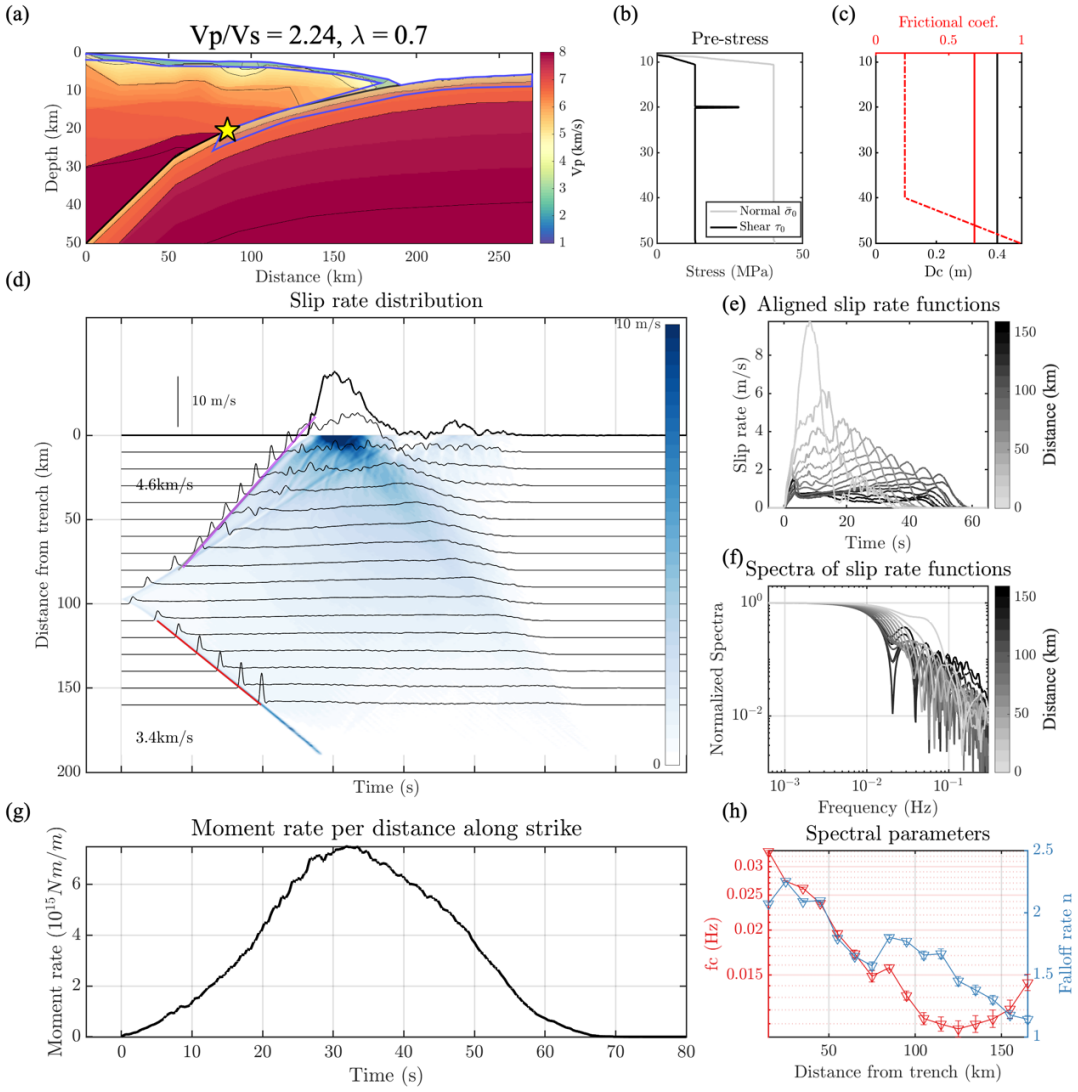
Model 24: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.04, \lambda = 0.7$



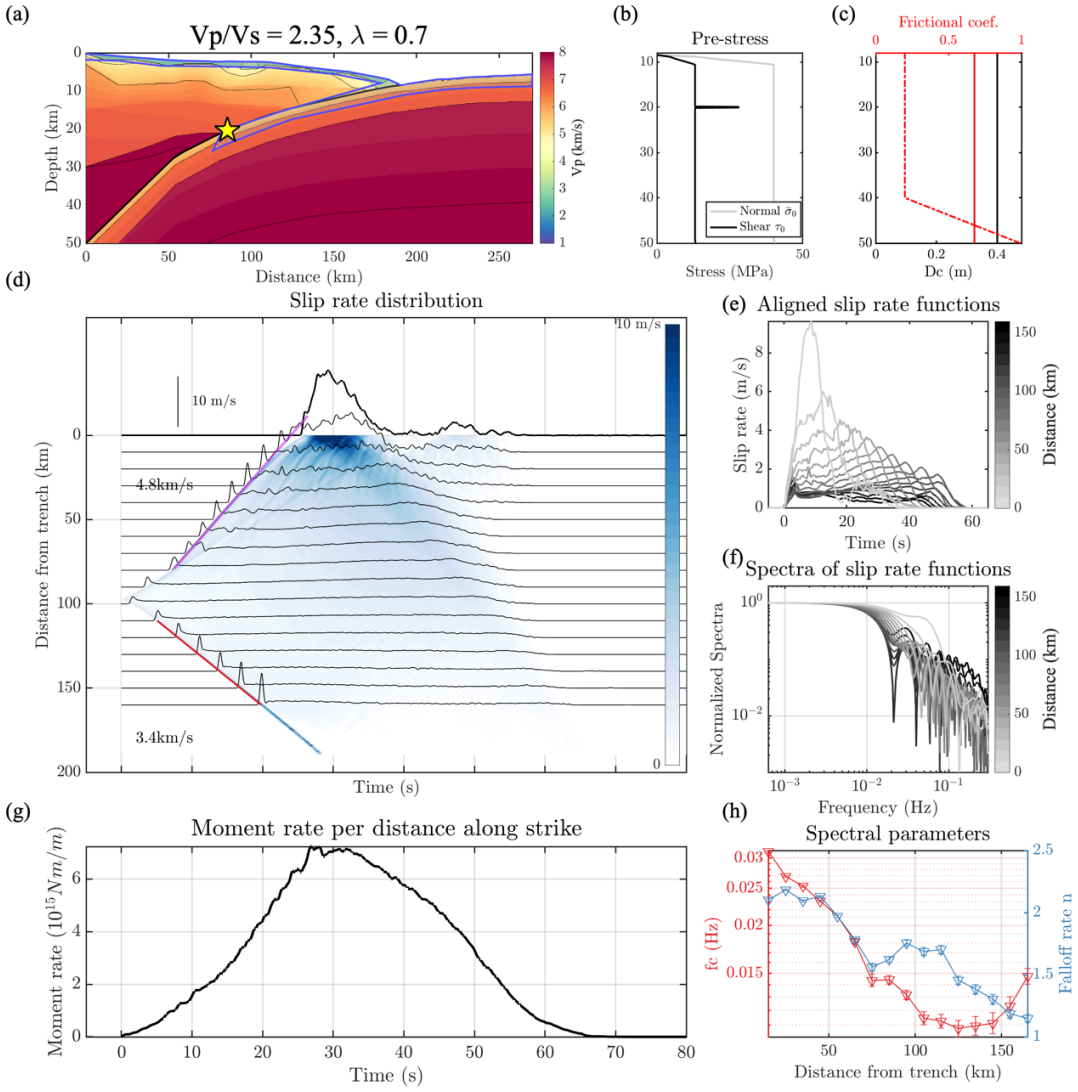
Model 25: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.14, \lambda = 0.7$



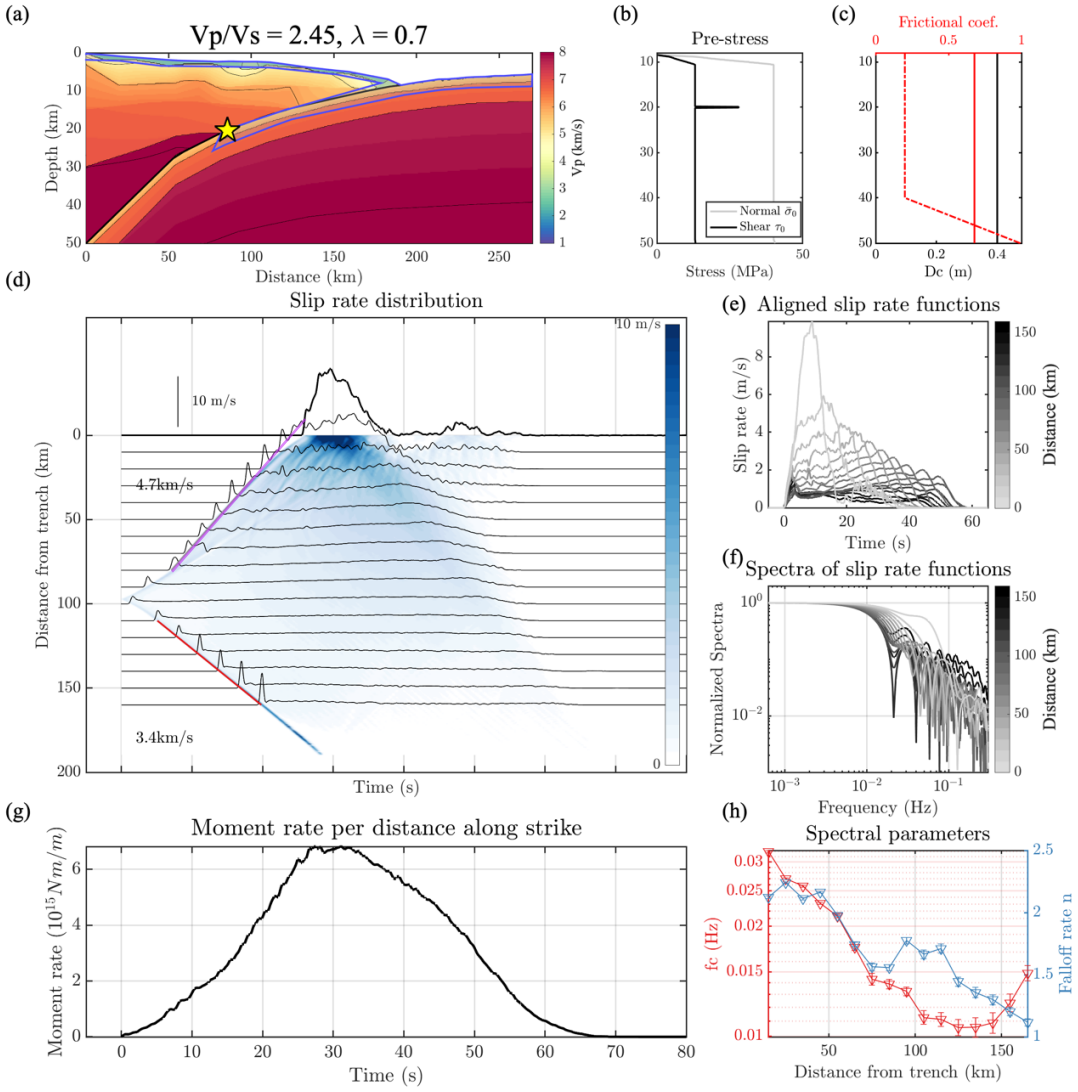
Model 26: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.24, \lambda = 0.7$



Model 27: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.35, \lambda = 0.7$



Model 28: Heterogeneous media, curved fault, realistic topography, linear slip-weakening friction, $V_P/V_S = 2.45, \lambda = 0.7$



Model 29: Homogeneous full-space media, curved fault, linear slip-weakening friction, $\lambda = 0.9$