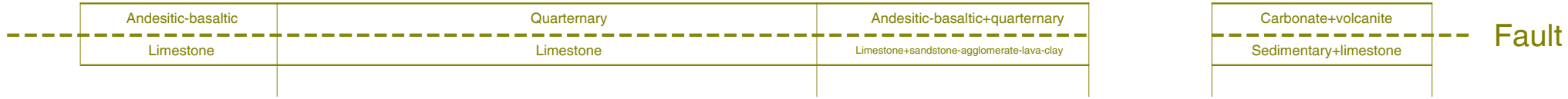
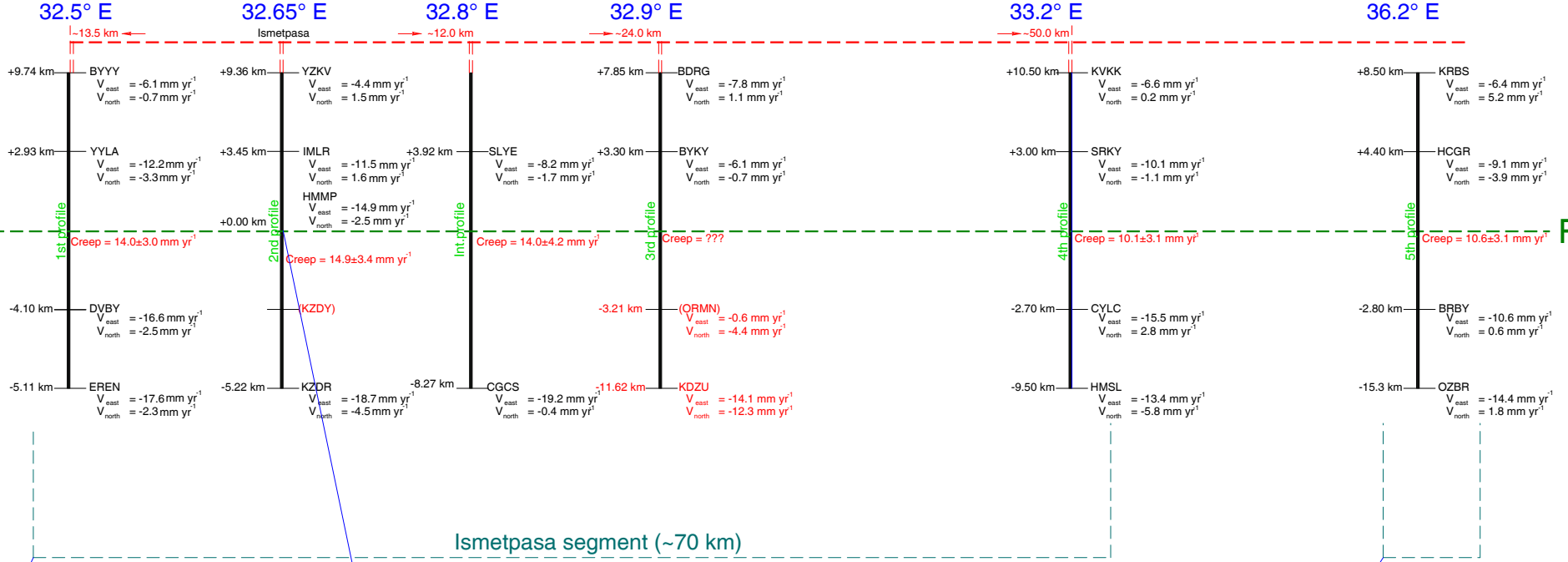


Geological structure considered to aseismic creep



Fault

Fault



Other studies (Ismetpasa segment)

Study/year/method	Creep rate (mm yr ⁻¹)
Cakir et al., 2005 (InSAR)	8.0±3.0
Değuchi, 2011 (PALSAR)	14.0
Fialko et al., 2011 (PALSAR)	10.0
Köksal, 2011 (DInSAR)	15.7±2.0
Kutoglu et al., 2012 (InSAR)	12.5±2.0
Kaneko et al., 2013 (InSAR)	9.0±2.0
Cetin et al., 2014 (InSAR)	8.0±2.0

Other local studies (Ismetpasa and Hamamli)

Study/year/method	Creep rate (mm yr ⁻¹)
Ambraseys, 1970 (Wall offset measurements)	20.0±6.0
Ambraseys, 1970 (Revision)*	10.4±0.4
Aytun, 1982 (Triangulation)	11.0±1.1
Aytun, 1982 (Photo-evaluation)	15.0
Aytun, 1982 (Revision)*	10.45±0.35
Eren, 1984 (Triangulation)	10.0±4.0
Altay&Sav, 1991 (Creepmeter)	7.6±1.0
Deniz et al., 1993 (Triangulation)	9.3±0.7
Kutoglu&Akcin, 2006 (GPS)	7.8±0.5
Kutoglu et al., 2008 (GPS)	12.0±1.1
Kutoglu et al., 2010 (GPS)	15.1±4.1
Karabacak et al., 2011 (Ground LIDAR)[1.area]	6.8-10.0±4.0
Karabacak et al., 2011 (Ground LIDAR)[2.area]	9.1-10.1±4.0
Kutoglu et al., 2012 (GPS)	13.0±2.0
Görmüş, 2011 (GPS)	13.0±3.9
Ozener et al., 2013 (GPS)	7.6±1.0
Bilham et al., 2016 (Creepmeter)	6.1±0.2

(* : According to Bilham et al., 2016)

Destek segment

Other local studies (Destek)

Study/year/method	Creep rate (mm yr ⁻¹)
Karabacak et al., 2011 (Ground LIDAR)	6.0-7.2±4.0
Fraser et al., 2009 (Trench study)	6.0