The slip rates along the Xianshuihe Fault solicited from literatures

Xianshuihe Fault	NW			middle			SE		references
	Luohuo	Daofu	Qianning	Yalaha	selaha	Zheduotang	Kangding	Moxi	
Pre-middle Pleistocene				8.4±1.6	6.3±0.6	6.3±0.6			Zhang et al., 2017
	~4.5								Roger et al., 1995
	~3.5								Wang et al., 2012
	8.3±3.7								Yan and Lin, 2015
	7.2±0.4								Zhang et al., 2017
Late Quaternary	15±5								Qian et al., 1988
				2.0±0.2	5.5±0.6	3.6±0.3	5.5±0.6	9.9±0.6	Zhou et al., 2001a
	13±5	10±2	10±2	3±1	3±1	5±1	6.5±0.5	12±2	Li et al., 1997
	15±5			1	5				Wen et al., 1989
					9				Yan and Lin, 2017
	17			6.7	0.6	8.5	9.3		Chen et al., 2016
	15±5								Xiong et al., 2010
	16±1	11.75±0.75					>10		Deng, 1989
				10	7.6(+2.3/-1.9)	5			Bai et al., 2018
					10.7(+1.3/−1.1)				
					9(+1.1/−0.9)				
					4.4±0.5				
				0.8	5.9±1.3				Allen et al., 1991
	10.75±0.75	10.5±0.5	9.5±1.5	3±1	3±1	5±1	8±1	8.5±0.9	Zhang et al., 2016
GPS	9.5±2								Zhang, 2013
	~14.4								Gan et al., 2007
	10±2								Shen et al., 2005
	9.1±1.1								Zheng et al., 2017
	14.1±1.8								Wang et al., 2017a
	16.1±0.6								Wang et al., 2017a
	14±1								Wang et al., 2017b
	10.5±1.5								Wang hua et al., 2009
	7.2±0.2								Jiang et al., 2015
	10.4±0.2								Qiao et al., 2004
	9.6±1.7								Xu et al., 2003
	8.35±0.45								Tang et al., 2005a
	9.3±2.8								Tang et al., 2005b
	8.67±2.65								Tang et al., 2007
	12.3±1.2								Peng et al., 2007
	13								Wang et al., 2008
	11								Loveless and Meade, 2011
	11.3±1.1								Cheng et al., 2011

The slip rates along the Anninghe Fault solicited from literatures

Anninghe Fault	north	south	reference
Late Quaternary	3.2±0.1		Zhou et al., 2001b
	4.55±0.75		Zhou et al., 2001b
	4±0.2		Ran et al., 2008
	2.02±0.48		Cheng et al., 2010
	1.79±0.77		Cheng et al., 2010
	6.2		Ran et al., 2008
	3.8±0.2		Ran et al., 2008
	1.3±0.3		Tang et al., 1992
	2.7		Zhou et al., 2001b
	6.5±0.3		Tang et al., 1992
		3	Tang et al., 1992
		2.6	Wang et al., 2018
		5±1	Tang et al., 1989
		8.5±0.8	Pei et al., 1997
		5±2	He and Yasutakyr, 2007
		3.7±0.3	Pei et al., 1997
		4.4	Wang et al., 2018
		5.7	Qian et al., 1992
		5.4±0.6	Pei et al., 1997
GPS	8.9±0.9		Ma, 2019
	4±2		Shen et al., 2005
	5.1±2.5		Wang et al., 2008
	5±1		Wang et al., 2020
	9.5±0.5		Loveless and Meade, 2011
	5.8±0.8		Cheng et al., 2011
	5		Zhang, 2013
	6.2±0.4		Wang et al., 2017b

The slip rates along the Zemuhe Fault solicited from literatures

Zemuhe Fault	F1	F2	F3	F4	F5	reference
Pre-middle Pleistocene			10.645±2.455	9.86±2.04		Du, 2000b
Late Quaternary	6.49			5.81	3.39	Du, 2000b
	6.2					Du, 2000b
		4.9				Ren, 1990
		4.5				Ren, 1990
		7.2±1.4				He et al., 1999
		6.275±0.895				He et al., 1999
		12.32				Du, 2000b
			8.98			Du, 2000b
		7.9				Du, 2000b
			7.29	6.2	6.07	Du, 2000b
		3±0.6				Wang et al., 2011
GPS	7.3±0.1					Qiao et al., 2004
	7					Shen et al., 2005
	6.7±0.7					Cheng et al., 2011
	5.5±1.5					Zhang, 2013
	4.4±0.7					Wang et al., 2017b

The slip rates along the Daliangshan Fault solicited from literatures

Daliangshan Fault	zhuma	Gongyihai	puxiong	Yuexi	butuo	jiaojihe	reference
Pre-middle Pleistocene					2.3		Shen et al, 2000
					1.93±0.07		Shen et al, 2000
Late Quaternary	3.1						Sun et al., 2015
	1.5						Sun et al., 2015
			2.6				Zhou et al., 2003
			4.3				Chen, 2006
			3.1				Zhou et al., 2003
					3.3±0.6		Zhou et al., 2003
					3.33		Shen et al, 2000
					2.8		Zhou et al., 2003
					2.9±0.24		Wei et al., 2012b
						4.5±0.13	Wei et al., 2012b
						2.8	Shen et al, 2000
						2.5±0.13	Wei et al., 2012b
						3	He and Oguchi, 2008
GPS	4±2						Shen et al., 2005
	7.1±2.1						Wang et al., 2008
	2±0.3						Loveless and Meade, 2011
	4±0.8						Cheng et al., 2011
	2.5±0.5						Zhang, 2013
	6±0.5						Wang et al., 2017b

The slip rates along the Xiaojiang Fault solicited from literatures

Xiaojiang Fault	north	middle		south	reference
		west	east		
Pre-middle Pleistocene		6.7			Chen and Li, 1988
		4.8±0.3	6.65±1.65		Song et al., 1998
Late Quaternary		7.1	7.1		Song et al., 1998
		8±1	6.75±0.75		He et al., 2002
		7			Chen and Li, 1988
		6.4			Chen and Li, 1988
		10±2	8±2		He and Oguchi, 2008
		7	9		Shen et al., 2003
		8.8	6.75±1.15		Seismological bureau of Yunnan province, 1990
				7.02±0.2	Han et al., 2017
GPS	10	8		4	Wen et al., 2011
	7±2				Shen et al., 2005
	5.1±0.4				Shi et al., 2012
	11.45±0.65				Liu et al., 2015
	5.05±2.05				Wei et al., 2012a
	9.4±1.2				Wang et al., 2008
	10.5±0.9				Loveless and Meade, 2011
	8.2±3				Cheng et al., 2011
	12.7±0.2				Wang et al., 2017b
	7				Zheng et al., 2017