

Citation	Observations	ΔX_{CO_2} (ppm)
Kort et al. (2012)	GOSAT-ACOS v2.9	$3.2 \pm (1.5)$ (1σ)
Janardanan et al. (2016)	GOSAT	$2.75 \pm (2.86)$ (1σ)
Hakkarainen et al. (2016)	OCO-2 v7r	$\sim 2-2.5^{\text{a}}$
Hedelius et al. (2017a)	OCO-2 v7r & TCCON	$2.4 \pm (1.5)$ (1σ)
	TCCON, v2014	$2.3 \pm (1.2)$ (1σ)
Schwandner et al. (2017)	OCO-2 v7r	4.4–6.1
This study ^b	OCO-2 v8r & TCCON	$2.1 \pm (1.7)$ (1σ)
	TCCON, v2014	$2.7 \pm (1.4)$ (1σ)