Table 7: The ablation of the improvement of shared trans-Table 6: The ablation of mIoU improvement of each component on the nuScenes and WOD val split when trained only for the segmentation task. XSF and STD stand for crosstrain space transformer and segmentation transformer decoder

78.3 (+1.7)

80.8 (+4.2)

pace transformer and segmentation transformer decoder.								
Baseline (3.1)	STD	Multi-frame	XSF	nuScenes	WOD	_		
				76.6	70.3	_		

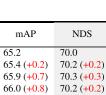
70.6 (+0.3)

71.2 (+0.9)

81.7 (+5.1) 71.3 (+1.0)

	former decoder on the nuScenes val split when jointly trained with detection task.								
	Baseline [66]	X' Seg	ΓF Det	XSF	mIoU	mAP	NDS		
•	√				81.8	65.2	70.0		
	✓	✓			82.1 (+0.3)	65.4 (+0.2)	70.2 (+0.2)		
	✓		\checkmark		82.4 (+0.6)	65.9 (+0.7)	70.3 (+0.3)		
	✓	✓	\checkmark		82.6 (+0.8)	66.0 (+0.8)	70.2 (+0.2)		
	/	/	/	/	00 = (0 0)	((((11)	50.0 (.0.0)		

82.7 (+0.9)



66.6 (+1.4)

70.8 (+0.8)