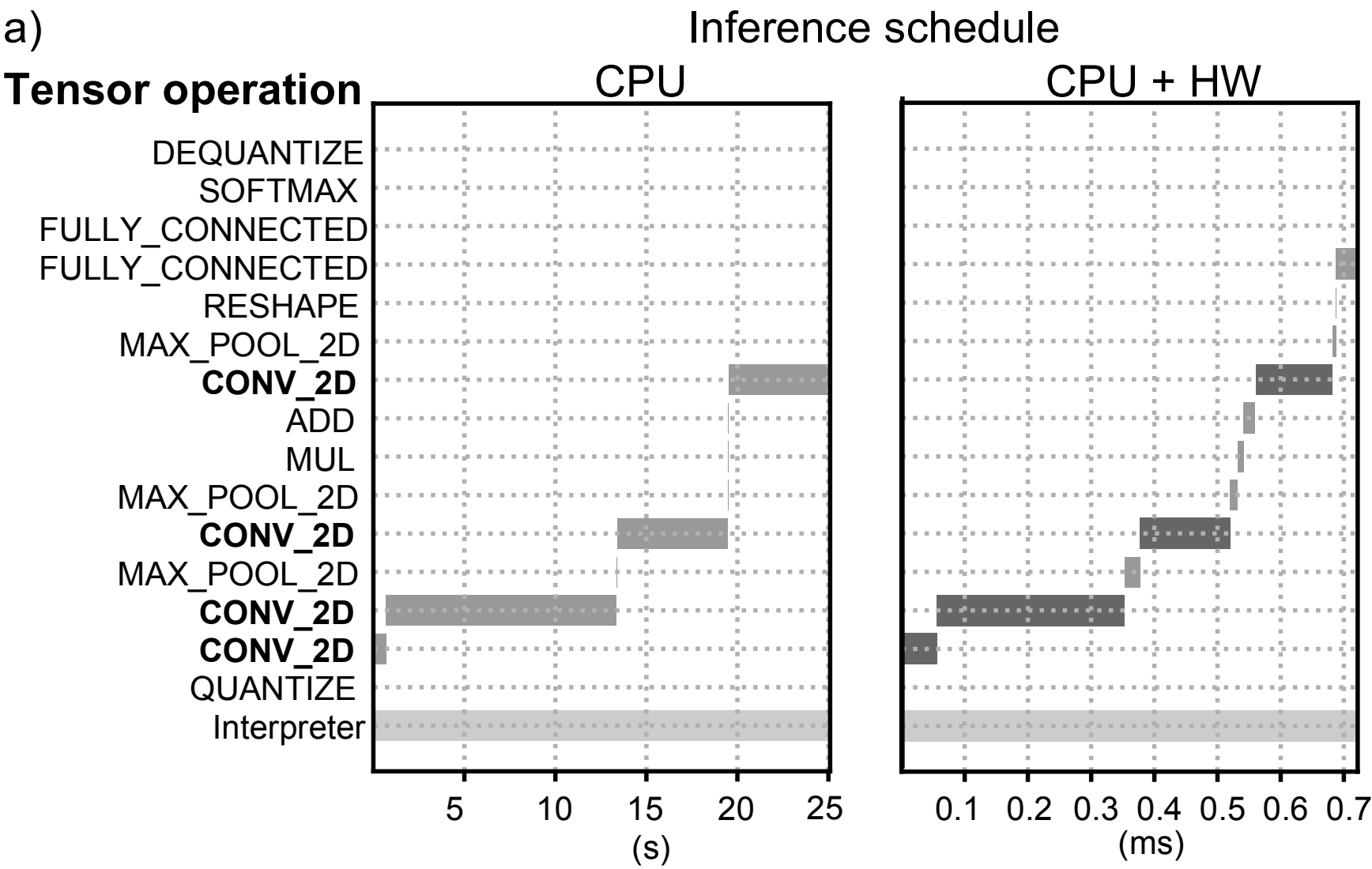
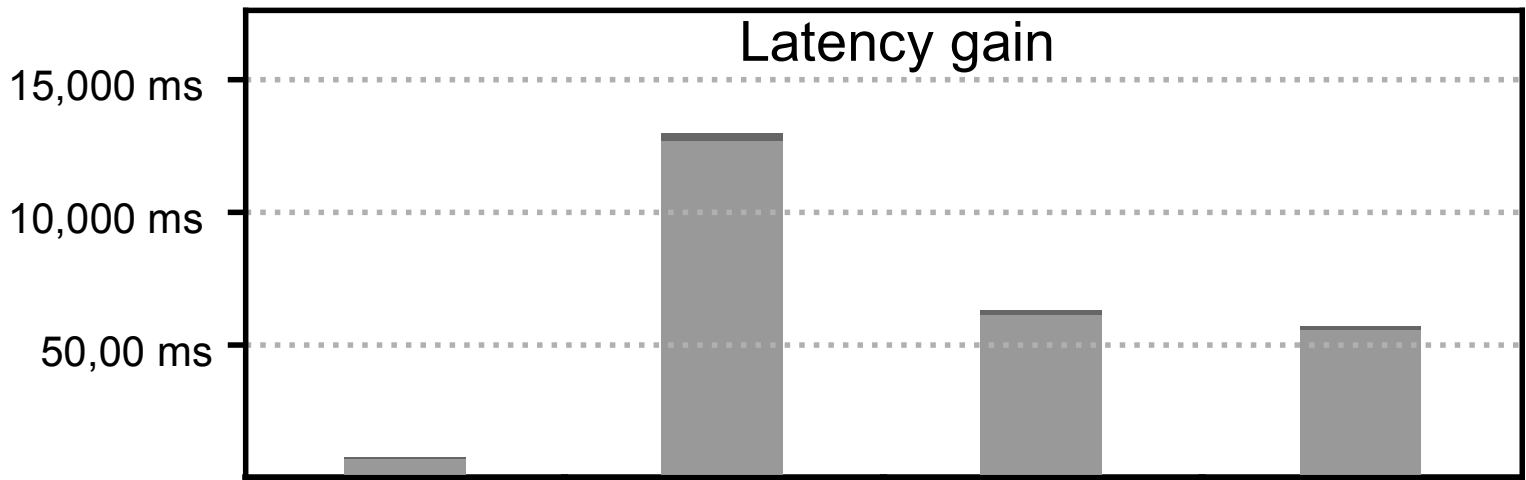
a)



b)



	CONV_2D	CONV_2D	CONV_2D	CONV_2D
HW (ms)	55.171	296.91	142.658	121.278
SW (ms)	700.226	12,666.916	6,081.015	5,543.77
Gain	**12.69**	**42.66**	**42.62**	**45.71**