Method	Hardware	Training size (lines)							
		1000		10000		100000		150000	
		Time	Ratio	Time	Ratio	Time	Ratio	Time	Ratio
OpenFST	Core i7	42.06	1.9	2547	87	313800	4085	626700	6093
Carmel	Core i7	195.9	9.1	7652	263	224500	2923	376400	3659
our serial	Core i7	10.99	0.5	44.16	1.5	374.2	4.9	534.9	5.2
our serial	Xeon E5	**10.84**	**0.5**	42.05	1.4	375.3	4.9	529.6	5.1
our MPI	4-core Core i7	194.0	9.0	581.2	20	1849	24	2243	21
our parallel	K40	27.52	1.3	38.26	1.3	116.5	1.5	131.1	1.3
our parallel	Titan X	25.05	1.2	33.92	1.2	94.07	1.2	121.6	1.2
our parallel	Tesla P100	21.49	1.0	**29.04**	**1.0**	**76.79**	**1.0**	**102.9**	**1.0**