

Table 1: Framework Summary (\triangle : Oblivious Inference, ∇ : Outsourced Inference, \square : Outsourced Training, \blacksquare : Private Training)

Framework	Reference	Year	Privacy Service	Bitwidth	B/Q/N	Poly.	Approx. CMP	Non-linear	Method Online	Offline	SIMD	Dynamic	Weights	CPU	Optimize Arch.	MNIST	CIFAR-10	CIFAR-100	ImageNet	GCC/MW	OT	SS	HE
CryptoNets	[11]	16	\triangle	32	H	.	.	.	\circ	\circ	\circ	\circ	\circ	\circ	\circ	\blacksquare	\blacksquare	\circ	\circ	L	L	L	L
BNormCrypt	[53]	17	\triangle	H?	\circ	\circ	\circ	\circ	\circ	\circ	\circ	\blacksquare	\circ	\circ	\circ	L	L	L	L