	Input Template	Type of Workload	Consistent Models
	{ [Tensor[A,B,C]], []} { [Tensor[D]], []}	Image/Tensor Classification	AlexNet, ResNet, GoogLeNet, SqueezeNet, VGG, NIN, BN-AlexNet
_	{ [Tensor[A,B,C]], [] } { [Tensor[D,E,F]], [] }	Image/Tensor "Recovery"	Auto-encoder, GAN, pix2pix
_	{ [Tensor[A], *], [a] } { [Tensor[D]], [] }	Time Series Classification	RNN, LSTM, bi-LSTM, GRU
	{ [Tensor[A], *], [a] } { [Tensor[B], *], [b] }	Time Series "Translation"	seq2seq
-	{ [Tensor[A], *], [a, c] } { [Tensor[B]], [] }	Tree Classification	Tree-RNN, Tree kernel SVM
_	{[*], [*]} {[Tensor[B]], []}	General Classification	Bit-level RNN
=	{ [*], [*] } { [*], [*] }	General Auto-encoder	Bit-level Auto-encoder