C++ / Python API parity tracker

${\bf torch::} {\bf nn}$

torch::nn::ModuleList	API	Implementation Parity	Doc Parity
torch::nn::ModuleDict No No No torch::nn::ParameterList No No No torch::nn::ParameterDict No No No torch::nn::Conv1d Yes No torch::nn::Conv2d Yes No torch::nn::Conv3d Yes No torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::Unfold Yes No torch::nn::Unfold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::EractionalMaxPool3d Yes No torch::nn::EractionalMaxPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No torch::nn::ZeroPad2d Yes No torch::nn::ZeroPad2d Yes No torch::nn::ZeroPad2d Yes No torch::nn::	torch::nn::Sequential	Yes	No
torch::nn::ParameterList No No No torch::nn::ParameterDict No No torch::nn::Conv1d Yes No torch::nn::Conv2d Yes No torch::nn::Conv2d Yes No torch::nn::Conv3d Yes No torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::GonvTranspose3d Yes No torch::nn::Hold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZerOpad2d Yes No torch::nn::	torch::nn::ModuleList	Yes	No
torch::nn::ParameterDict No No torch::nn::Conv1d Yes No torch::nn::Conv2d Yes No torch::nn::Conv3d Yes No torch::nn::Conv3d Yes No torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::Unfold Yes No torch::nn::Unfold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ZeroPad2d Yes No torch::nn::ZeroPad2d Yes No torch::nn::ZeroPad2d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ModuleDict	No	No
torch::nn::Conv1d Yes No torch::nn::Conv2d Yes No torch::nn::Conv3d Yes No torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::Unfold Yes No torch::nn::Hold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ParameterList	No	No
torch::nn::Conv2d Yes No torch::nn::Conv3d Yes No torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::Unfold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ParameterDict	No	No
torch::nn::Conv3d Yes No torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::Fold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxVool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::AxyPool3d Yes No torch::nn::AxyPool1d Yes No torch::nn::AxyPool1d Yes No torch::nn::AxyPool2d Yes No torch::nn::AygPool1d Yes No torch::nn::AygPool2d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAygPool1d Yes No torch::nn::AdaptiveAygPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::Conv1d	Yes	No
torch::nn::ConvTranspose1d Yes No torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::Unfold Yes No torch::nn::Fold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAxgPool1d Yes No torch::nn::AdaptiveAxgPool1d Yes No torch::nn::AdaptiveAxgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::Conv2d	Yes	No
torch::nn::ConvTranspose2d Yes No torch::nn::ConvTranspose3d Yes No torch::nn::Unfold Yes No torch::nn::Fold Yes No torch::nn::Fold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::Conv3d	Yes	No
torch::nn::ConvTranspose3d Yes No torch::nn::Unfold Yes No torch::nn::Hold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::ConvTranspose1d	Yes	No
torch::nn::Unfold Yes No torch::nn::Fold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::ConvTranspose2d	Yes	No
torch::nn::Fold Yes No torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No	torch::nn::ConvTranspose3d	Yes	No
torch::nn::MaxPool1d Yes No torch::nn::MaxPool2d Yes No torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::Unfold	Yes	No
torch::nn::MaxPool2d torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool2d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::Fold	Yes	No
torch::nn::MaxPool3d Yes No torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::MaxPool1d	Yes	No
torch::nn::MaxUnpool1d Yes No torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::MaxPool2d	Yes	No
torch::nn::MaxUnpool2d Yes No torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::MaxPool3d	Yes	No
torch::nn::MaxUnpool3d Yes No torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::MaxUnpool1d	Yes	No
torch::nn::AvgPool1d Yes No torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::MaxUnpool2d	Yes	No
torch::nn::AvgPool2d Yes No torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::MaxUnpool3d	Yes	No
torch::nn::AvgPool3d Yes No torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::AvgPool1d	Yes	No
torch::nn::FractionalMaxPool2d Yes No torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::AvgPool2d	Yes	No
torch::nn::FractionalMaxPool3d Yes No torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::AvgPool3d	Yes	No
torch::nn::LPPool1d Yes No torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::FractionalMaxPool2d	Yes	No
torch::nn::LPPool2d Yes No torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::FractionalMaxPool3d	Yes	No
torch::nn::AdaptiveMaxPool1d Yes No torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::LPPool1d	Yes	No
torch::nn::AdaptiveMaxPool2d Yes No torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::LPPool2d	Yes	No
torch::nn::AdaptiveMaxPool3d Yes No torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::AdaptiveMaxPool1d	Yes	No
torch::nn::AdaptiveAvgPool1d Yes No torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::AdaptiveMaxPool2d	Yes	No
torch::nn::AdaptiveAvgPool2d Yes No torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No	torch::nn::AdaptiveMaxPool3d	Yes	No
torch::nn::AdaptiveAvgPool3d Yes No torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::AdaptiveAvgPool1d	Yes	No
torch::nn::ReflectionPad1d Yes No torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::AdaptiveAvgPool2d	Yes	No
torch::nn::ReflectionPad2d Yes No torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::AdaptiveAvgPool3d	Yes	No
torch::nn::ReflectionPad3d Yes No torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ReflectionPad1d	Yes	No
torch::nn::ReplicationPad1d Yes No torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ReflectionPad2d	Yes	No
torch::nn::ReplicationPad2d Yes No torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ReflectionPad3d	Yes	No
torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ReplicationPad1d	Yes	No
torch::nn::ReplicationPad3d Yes No torch::nn::ZeroPad2d Yes No	torch::nn::ReplicationPad2d	Yes	No
torch::nn::ZeroPad2d Yes No	torch::nn::ReplicationPad3d	Yes	No
torch::nn::ConstantPad1d Yes No	torch::nn::ZeroPad2d	Yes	No
	torch::nn::ConstantPad1d	Yes	No

API	Implementation Parity	Doc Parity
torch::nn::ConstantPad2d	Yes	No
torch::nn::ConstantPad3d	Yes	No
torch::nn::ELU	Yes	No
torch::nn::Hardshrink	Yes	No
torch::nn::Hardtanh	Yes	No
torch::nn::LeakyReLU	Yes	No
torch::nn::LogSigmoid	Yes	No
torch::nn::Mish	Yes	No
torch::nn::MultiheadAttention	No	No
torch::nn::PReLU	Yes	No
torch::nn::ReLU	Yes	No
torch::nn::ReLU6	Yes	No
torch::nn::RReLU	Yes	No
torch::nn::SELU	Yes	No
torch::nn::CELU	Yes	No
torch::nn::GELU	Yes	No
torch::nn::SiLU	Yes	No
torch::nn::Sigmoid	Yes	No
torch::nn::Softplus	Yes	No
torch::nn::Softshrink	Yes	No
torch::nn::Softsign	Yes	No
torch::nn::Tanh	Yes	No
torch::nn::Tanhshrink	Yes	No
torch::nn::Threshold	Yes	No
torch::nn::GLU	Yes	No
torch::nn::Softmin	Yes	No
torch::nn::Softmax	Yes	No
torch::nn::Softmax2d	Yes	No
torch::nn::LogSoftmax	Yes	No
torch::nn::AdaptiveLogSoftmaxWithLoss	Yes	No
torch::nn::BatchNorm1d	Yes	No
torch::nn::BatchNorm2d	Yes	No
torch::nn::BatchNorm3d	Yes	No
torch::nn::GroupNorm	Yes	No
torch::nn::SyncBatchNorm	No	No
torch::nn::InstanceNorm1d	Yes	No
torch::nn::InstanceNorm2d	Yes	No
torch::nn::InstanceNorm3d	Yes	No
torch::nn::LayerNorm	Yes	No
torch::nn::LocalResponseNorm	Yes	No
torch::nn::CrossMapLRN2d	Yes	No
torch::nn::RNN	Yes	No
torch::nn::LSTM	Yes	No
torch::nn::GRU	Yes	No

API	Implementation Parity	Doc Parity
torch::nn::RNNCell	Yes	No
torch::nn::LSTMCell	Yes	No
torch::nn::GRUCell	Yes	No
torch::nn::Transformer	Yes	No
torch::nn::TransformerEncoder	No	No
torch::nn::TransformerDecoder	No	No
torch::nn::TransformerEncoderLayer	Yes	No
torch::nn::TransformerDecoderLayer	Yes	No
torch::nn::Identity	Yes	No
torch::nn::Linear	Yes	No
torch::nn::Bilinear	Yes	No
torch::nn::Flatten	Yes	No
torch::nn::Unflatten	Yes	No
torch::nn::Dropout	Yes	No
torch::nn::Dropout2d	Yes	No
torch::nn::Dropout3d	Yes	No
torch::nn::AlphaDropout	Yes	No
torch::nn::FeatureAlphaDropout	Yes	No
torch::nn::Embedding	Yes	No
torch::nn::EmbeddingBag	Yes	No
torch::nn::CosineSimilarity	Yes	No
torch::nn::PairwiseDistance	Yes	No
torch::nn::L1Loss	Yes	No
torch::nn::MSELoss	Yes	No
torch::nn::CrossEntropyLoss	Yes	No
torch::nn::CTCLoss	Yes	No
torch::nn::NLLLoss	Yes	No
torch::nn::PoissonNLLLoss	Yes	No
torch::nn::KLDivLoss	Yes	No
torch::nn::BCELoss	Yes	No
torch::nn::BCEWithLogitsLoss	Yes	No
torch::nn::MarginRankingLoss	Yes	No
torch::nn::HingeEmbeddingLoss	Yes	No
torch::nn::MultiLabelMarginLoss	Yes	No
torch::nn::SmoothL1Loss	Yes	No
torch::nn::HuberLoss	Yes	No
torch::nn::SoftMarginLoss	Yes	No
torch::nn::MultiLabelSoftMarginLoss	Yes	No
torch::nn::CosineEmbeddingLoss	Yes	No
torch::nn::MultiMarginLoss	Yes	No
torch::nn::TripletMarginLoss	Yes	No
torch::nn::PixelShuffle	Yes	No
torch::nn::PixelUnshuffle	Yes	No

API	Implementation Parity	Doc Parity
torch::nn::DataParallel	No	No
torch::nn::parallel::DistributedDataParallel	No	No
torch::nn::utils::clip_grad_norm_	Yes	No
torch::nn::utils::clip_grad_value_	Yes	No
torch::nn::utils::parameters_to_vector	Yes	No
torch::nn::utils::vector_to_parameters	Yes	No
torch::nn::utils::weight_norm	No	No
torch::nn::utils::remove_weight_norm	No	No
torch::nn::utils::spectral_norm	No	No
torch::nn::utils::remove_spectral_norm	No	No
torch::nn::utils::rnn::PackedSequence	Yes	No
torch::nn::utils::rnn::pack_padded_sequence	Yes	No
torch::nn::utils::rnn::pad_packed_sequence	Yes	No
torch::nn::utils::rnn::pad_sequence	Yes	No
torch::nn::utils::rnn::pack_sequence	Yes	No
torch::nn::SampleModule	Yes	Yes

torch::nn::functional

API	Implementation Parity	Doc Parity
F::conv1d	Yes	No
F::conv2d	Yes	No
F::conv3d	Yes	No
F::conv_transpose1d	Yes	No
F::conv_transpose2d	Yes	No
F::conv_transpose3d	Yes	No
F::unfold	Yes	No
F::fold	Yes	No
F::avg_pool1d	Yes	No
F::avg_pool2d	Yes	No
F::avg_pool3d	Yes	No
F::max_pool1d	Yes	No
F::max_pool2d	Yes	No
F::max_pool3d	Yes	No
F::max_unpool1d	Yes	No
F::max_unpool2d	Yes	No
F::max_unpool3d	Yes	No
F::lp_pool1d	Yes	No
F::lp_pool2d	Yes	No
F::adaptive_max_pool1d	Yes	No
F::adaptive_max_pool2d	Yes	No
F::adaptive_max_pool3d	Yes	No

F::adaptive_avg_pool2d	API	Implementation Parity	Doc Parity
F::adaptive_avg_pool3d	F::adaptive avg pool1d	Yes	No
F::adaptive_avg_pool3d Yes No F::threshold Yes No F::threshold Yes No F::threshold Yes No F::hardtanh Yes No F::celu Yes No F::pelu Yes No F::pelu Yes No F::pelu Yes No F::gelu Yes No F::glu Yes No F::glu Yes No F::glu Yes No F::dossigmoid Yes No F::dossigmoid Yes No F::tandshrink Yes No F::softsign Yes No F::softsign Yes No F::softsign Yes No F::softsign Yes No F::softmax Yes No F::softmax Yes No F::dos_aoftmax Yes No F::log_softmax Yes No F::local_response_norm Yes No F::local_response_norm Yes No F::dropout2d Yes No F::cembedding Yes No F::embedding Latence Yes No F::cosine_similarity Yes No F::posine_similarity Yes No F::cosine_similarity	F::adaptive_avg_pool2d	Yes	No
F::relu Yes No F::hardtanh Yes No F::relu6 Yes No F::relu6 Yes No F::relu6 Yes No F::relu6 Yes No F::selu Yes No F::selu Yes No F::celu Yes No F::celu Yes No F::celu Yes No F::celu Yes No F::relu Yes No F::relu Yes No F::relu Yes No F::glu Yes No F::glu Yes No F::glu Yes No F::silu Yes No F::dospigmoid Yes No F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softsign Yes No F::softshrink Yes No F::dospigmoid Yes No F::softshrink Yes No F::softshrink Yes No F::softshrink Yes No F::softshrink Yes No F::log_softmax Yes No F::log_softmax Yes No F::loal_response_norm Yes No F::local_response_norm Yes No F::lormalize Yes No F::dropout Yes No F::dropout Yes No F::dropout Yes No F::dropout3d Yes No F::embedding Yes No F::embedding Yes No F::embedding_bag Yes No F::pairwise_distance Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No		Yes	No
F::hardtanh F::relu6 F::relu6 F::selu Yes No F::selu Yes No F::selu Yes No F::celu Yes No F::celu Yes No F::celu Yes No F::leaky_relu Yes No F::pelu Yes No F::rrelu Yes No F::rrelu Yes No F::gelu Yes No F::gelu Yes No F::silu Yes No F::mish Yes No F::dosgigmoid Yes No F::dosgigmoid Yes No F::coftsign Yes No F::softsign Yes No F::softsign Yes No F::softsplus Yes No F::softsplus Yes No F::softsplus Yes No F::softshnik Yes No F::softshnik Yes No F::softshnik Yes No F::softshrink Yes No F::dosgid F::dosgid Yes No F::dosgid F::dosgid Yes No F::dosgid F::dosgid Yes No F::log_softmax Yes No F::log_softmax Yes No F::log_softmax Yes No F::log_softmax Yes No F::log_losoftmax Yes No F::local_response_norm Yes No F::local_response_norm Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::embedding Yes No F::membedding_bag Yes No F::cosine_similarity Yes No	F::threshold	Yes	No
F::relu6 F::relu F::re	F::relu	Yes	No
F::elu Yes No F::selu Yes No F::selu Yes No F::celu Yes No F::celu Yes No F::cleaky_relu Yes No F::pelu Yes No F::prelu Yes No F::grelu Yes No F::glu Yes No F::glu Yes No F::glu Yes No F::silu Yes No F::dosygmoid Yes No F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softsign Yes No F::softshus Yes No F::softshrink Yes No F::softmax Yes No F::softmax Yes No F::softmax Yes No F::softshrink Yes No F::dosygmoid Yes No F::dosygmoid Yes No F::local_response_norm Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding Yes No F::cosine_similarity Yes No	F::hardtanh	Yes	No
F::selu Yes No F::celu Yes No F::celu Yes No F::celu Yes No F::pelu Yes No F::pelu Yes No F::prelu Yes No F::glu Yes No F::glu Yes No F::glu Yes No F::silu Yes No F::silu Yes No F::hardshrink Yes No F::coftsign Yes No F::softsign Yes No F::softplus Yes No F::softplus Yes No F::softmax Yes No F::softmax Yes No F::softmax Yes No F::softmax Yes No F::dropout Yes No F::log_norm Yes No F::log_no	F::relu6	Yes	No
F::celu Yes No F::leaky_relu Yes No F::prelu Yes No F::relu Yes No F::glu Yes No F::glu Yes No F::gelu Yes No F::silu Yes No F::mish Yes No F::dossigmoid Yes No F::sofsigmoid Yes No	F::elu	Yes	No
F::leaky_relu Yes No F::prelu Yes No F::rrelu Yes No F::glu Yes No F::glu Yes No F::glu Yes No F::silu Yes No F::mish Yes No F::logsigmoid Yes No F::logsigmoid Yes No F::lardshrink Yes No F::dashshrink Yes No F::softsigm Yes No F::softplus Yes No F::softplus Yes No F::softmax Yes No F::softmax Yes No F::dogsoftmax Yes No F::dogsoftmax Yes No F::dashprink Yes No F::dashprink Yes No F::dashprink Yes No F::dashprink Yes No	F::selu	Yes	No
F::prelu Yes No F::rrelu Yes No F::glu Yes No F::silu Yes No F::mish Yes No F::logsigmoid Yes No F::hardshrink Yes No F::coftsign Yes No F::softsign Yes No F::softsign Yes No F::softmin Yes No F::softmin Yes No F::softmax Yes No F::softmax Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::log_layer_norm Yes No F::local_response_norm Yes No F::local_response_norm Yes No F::hinear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::mebedding_bag Yes No F::pairwise_distance Yes No F::pairwise_distance Yes No F::cosine_similarity Yes	F::celu	Yes	No
F::prelu Yes No F::rrelu Yes No F::glu Yes No F::glu Yes No F::gelu Yes No F::silu Yes No F::silu Yes No F::silu Yes No F::logsigmoid Yes No F::hardshrink Yes No F::softsign Yes No F::softsign Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::dog_softmax Yes No F::layer_norm Yes No F::layer_norm Yes No F::layer_norm Yes No F	F::leaky relu	Yes	No
F::relu Yes No F::glu Yes No F::gelu Yes No F::silu Yes No F::mish Yes No F::logsigmoid Yes No F::logsigmoid Yes No F::logsigmoid Yes No F::sardshrink Yes No F::softsign Yes No F::softplus Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::gape_aoftmax Yes No F::dayer_norm Yes No F::local_response_norm Yes No F::dropout_log Yes No <td>*</td> <td>Yes</td> <td>No</td>	*	Yes	No
F::gelu Yes No F::silu Yes No F::mish Yes No F::logsigmoid Yes No F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softplus Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softmax Yes No F::gumbel_softmax Yes No F::daynorm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::dropout	-	Yes	No
F::gelu Yes No F::silu Yes No F::mish Yes No F::logsigmoid Yes No F::logsigmoid Yes No F::hardshrink Yes No F::softsink Yes No F::softsign Yes No F::softplus Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softmax Yes No F::softmax Yes No F::gumbel_softmax Yes No F::gumbel_softmax Yes No F::gumbel_softmax Yes No F::dog_softmax Yes No F::dog_softmax Yes No F::dog_softmax Yes No F::dog_softmax Yes No F::dog_astmax Yes No F::doal_response_norm Yes<	F::glu	Yes	No
F::silu Yes No F::mish Yes No F::logsigmoid Yes No F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softplus Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::gumbel_softmax Yes No F::gumbel_softmax Yes No F::log_softmax	_	Yes	No
F::logsigmoid Yes No F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softplus Yes No F::softplus Yes No F::softmax Yes No F::softmax Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::layer_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::local_response_norm Yes No F::linear Yes No F::local_response_norm Yes No F::local_response_norm Yes No F::lordopout Yes No	_	Yes	No
F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::log_softma	F::mish	Yes	No
F::hardshrink Yes No F::tanhshrink Yes No F::softsign Yes No F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::log_softma	F::logsigmoid	Yes	No
F::softsign Yes No F::softplus Yes No F::softmin Yes No F::softshrink Yes No F::softshrink Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::doc_al_responte_norm Yes No F::doc_al_response_norm Yes No F::doc_al_response_norm Yes No		Yes	No
F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::log_softmax Yes No F::batch_norm Yes No F::batch_norm Yes No F::layer_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::local_response_norm Yes No F::linear Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::cosine_similarity Yes No	F::tanhshrink	Yes	No
F::softplus Yes No F::softmin Yes No F::softmax Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::log_softmax Yes No F::batch_norm Yes No F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::softsign	Yes	No
F::softmin Yes No F::softmax Yes No F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::batch_norm Yes No F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	_	Yes	No
F::softshrink Yes No F::gumbel_softmax Yes No F::log_softmax Yes No F::batch_norm Yes No F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No		Yes	No
F::gumbel_softmax Yes No F::log_softmax Yes No F::batch_norm Yes No F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::softmax	Yes	No
F::log_softmax Yes No F::batch_norm Yes No F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::softshrink	Yes	No
F::log_softmax Yes No F::batch_norm Yes No F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::bilinear Yes No F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::gumbel_softmax	Yes	No
F::instance_norm Yes No F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	_	Yes	No
F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::batch_norm	Yes	No
F::layer_norm Yes No F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::instance_norm	Yes	No
F::local_response_norm Yes No F::normalize Yes No F::linear Yes No F::bilinear Yes No F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No		Yes	No
F::linear Yes No F::bilinear Yes No F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No		Yes	No
F::bilinear Yes No F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::normalize	Yes	No
F::dropout Yes No F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::linear	Yes	No
F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::bilinear	Yes	No
F::alpha_dropout Yes No F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	F::dropout	Yes	No
F::dropout2d Yes No F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No		Yes	No
F::dropout3d Yes No F::embedding Yes No F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No			
F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No		Yes	No
F::embedding_bag Yes No F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	-	Yes	No
F::one_hot Yes No F::pairwise_distance Yes No F::cosine_similarity Yes No	_		
F::pairwise_distance Yes No F::cosine_similarity Yes No	~ ~		
F::cosine_similarity Yes No			
= •			
rpaist res 100	F::pdist	Yes	No

API	Implementation Parity	Doc Parity
F::binary_cross_entropy	Yes	No
F::binary_cross_entropy_with_logits	Yes	No
F::poisson_nll_loss	Yes	No
F::cosine_embedding_loss	Yes	No
F::cross_entropy	Yes	No
F::ctc_loss	Yes	No
F::hinge_embedding_loss	Yes	No
F::kl_div	Yes	No
F::l1_loss	Yes	No
F::mse_loss	Yes	No
F::margin_ranking_loss	Yes	No
F::multilabel_margin_loss	Yes	No
F::multilabel_soft_margin_loss	Yes	No
F::multi_margin_loss	Yes	No
F::nll_loss	Yes	No
F::smooth_l1_loss	Yes	No
F::huber_loss	Yes	No
F::soft_margin_loss	Yes	No
F::triplet_margin_loss	Yes	No
F::pixel_shuffle	Yes	No
F::pad	Yes	No
F::interpolate	Yes	No
F::grid_sample	Yes	No
F::affine_grid	Yes	No
$F::sample_functional$	Yes	No