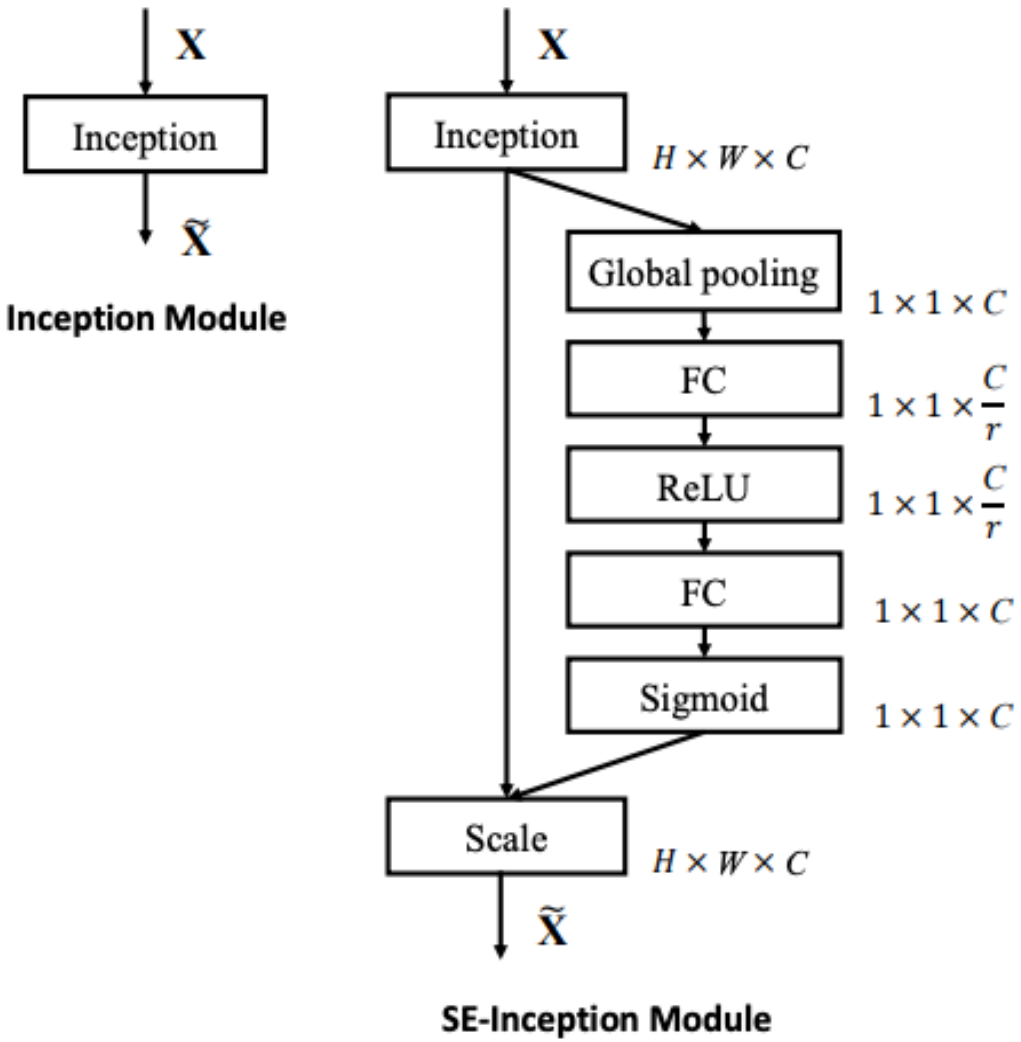
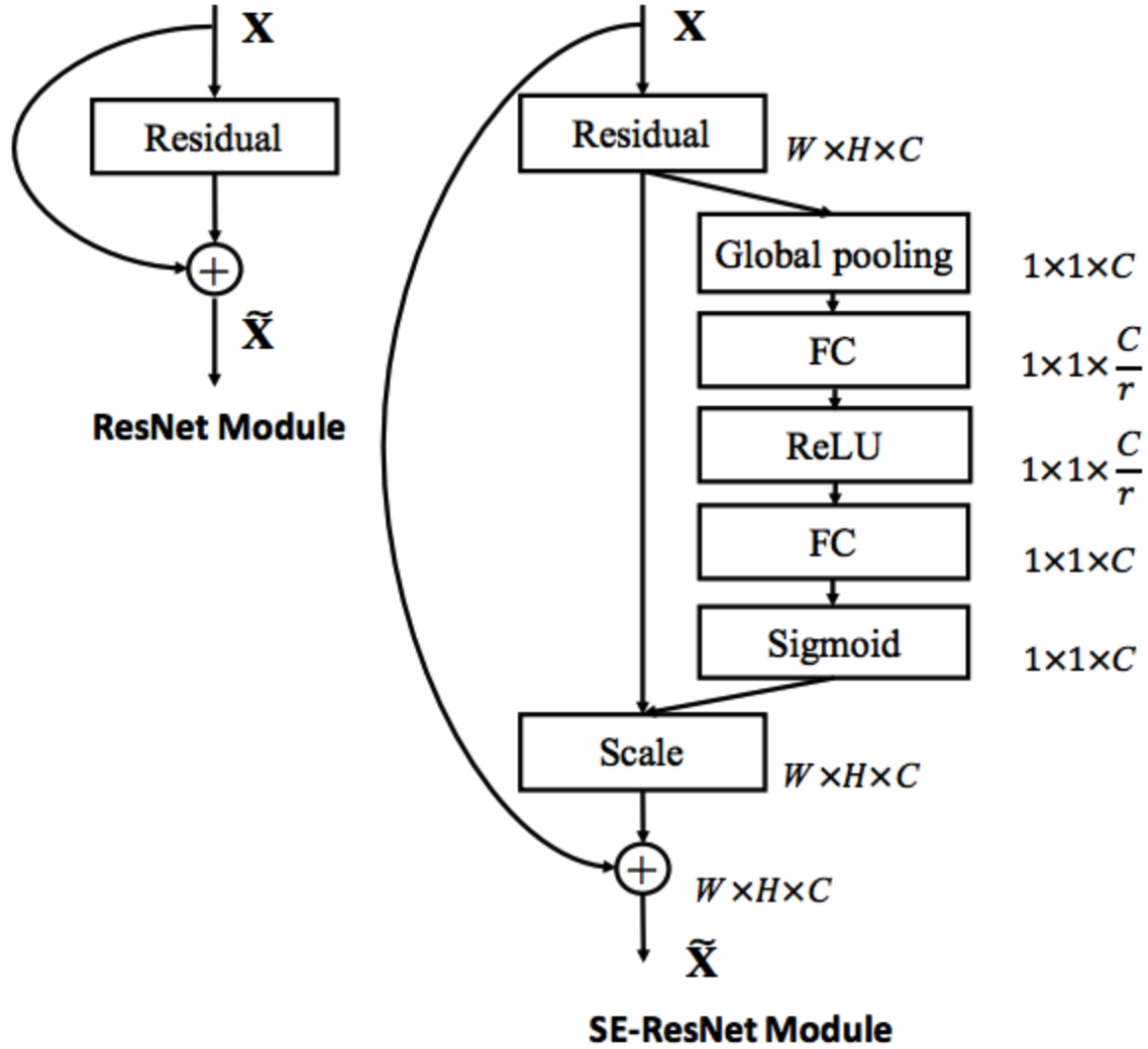

X
Inception
$\tilde{X}$
Inception Module
X
Inception
$H \times W \times C$
Global pooling
$1 \times 1 \times C$
FC
$1 \times 1 \times \frac{C}{r}$
ReLU
$1 \times 1 \times \frac{C}{r}$
FC
$1 \times 1 \times C$
Sigmoid
$1 \times 1 \times C$
Scale
$H \times W \times C$
$\tilde{X}$
SE-Inception Module

(a)


X
Residual
$\tilde{X}$
ResNet Module
X
Residual
$W \times H \times C$
Global pooling
$1 \times 1 \times C$
FC
$1 \times 1 \times \frac{C}{r}$
ReLU
$1 \times 1 \times \frac{C}{r}$
FC
$1 \times 1 \times C$
Sigmoid
$1 \times 1 \times C$
Scale
$W \times H \times C$
$W \times H \times C$
$\tilde{X}$
SE-ResNet Module

(b)