```
[input -> (1) -> (2) -> (3) -> output]
  (1): nn.DataAugment
  (2): nn.Copy
  (3): nn.Sequential {
     [input -> (1) -> (2) -> (3) -> (4) -> output]
      (1): nn.Concat {
        input.
                                                                                                                           | `-> (2): nn.Seguential {
                                                                                                                                                                                                                                           | `-> (3): nn.Sequential {
            | `-> (1): nn.Sequential {
                                                                                                                                      [input -> (1) -> (2) -> (3) -> (4) -> (5) -> output]
                      [input -> (1) -> (2) -> (3) -> (4) -> (5) -> output]
                                                                                                                                                                                                                                                       [input -> (1) -> (2) -> (3) -> (4) -> (5) -> output]
                       (1): nn.RescaleModule
                                                                                                                                      (1): nn.RescaleModule
                                                                                                                                                                                                                                                       (1): nn.RescaleModule
                      (2): nn.Sequential {
                                                                                                                                      (2): nn.Seguential {
                                                                                                                                                                                                                                                      (2): nn.Sequential {
                                                                                                                                        [input -> (1) -> (2) -> (3) -> (4) -> (5) -> (6) ->
                        [input -> (1) -> (2) -> (3) -> (4) -> (5) -> (6) ->
                                                                                                                                                                                                                                                         [input -> (1) -> (2) -> (3) -> (4) -> (5) -> (6) ->
                                                                                                               (7) \rightarrow (8) \rightarrow (9) \rightarrow (10) \rightarrow (11) \rightarrow (12) \rightarrow (13) \rightarrow (14) \rightarrow (15) \rightarrow
                                                                                                                                                                                                                                (7) \rightarrow (8) \rightarrow (9) \rightarrow (10) \rightarrow (11) \rightarrow (12) \rightarrow (13) \rightarrow (14) \rightarrow (15) \rightarrow
(7) \rightarrow (8) \rightarrow (9) \rightarrow (10) \rightarrow (11) \rightarrow (12) \rightarrow (13) \rightarrow (14) \rightarrow (15) \rightarrow
(16) \to (17) \to (18) \to (19) \to (20) \to (21) \to (22) \to (23) \to (24) \to (16) \to (17) \to (18) \to (19) \to (22) \to (23) \to (24) \to (16) \to (17) \to (18) \to (19) \to (22) \to (23) \to (24) \to (18) \to (19) \to (21) \to (22) \to (23) \to (24) \to (18) \to (19) \to 
                                                                                                               (25) -> (26) -> (27) -> (28) -> (29) -> (30) -> (31) -> (32) -> (33) -> (25) -> (26) -> (27) -> (28) -> (29) -> (30) -> output]
(25) -> (26) -> (27) -> (28) -> (29) -> (30) -> output]
                                                                                                               (34) -> outputl
                                                                                                                                                                                                                                                         (1): nn.SpatialConvolution(3 -> 64, 3x3, 1,1, 1,1)
                         (1): nn.SpatialConvolution(3 -> 64, 3x3, 1,1, 1,1)
                                                                                                                                         (1): nn.SpatialConvolution(3 -> 64, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                         (2): nn.SpatialBatchNormalization
                         (2): nn.SpatialBatchNormalization
                                                                                                                                         (2): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                         (3) • nn ReT.II
                         (3): nn.ReLU
                                                                                                                                         (3): nn.ReLU
                                                                                                                                                                                                                                                          (4): nn.SpatialMaxPooling(2,2,2,2)
                          (4): nn.SpatialMaxPooling(4,4,4,4)
                                                                                                                                         (4): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                                                                                                                                          (5): nn.SpatialConvolution(64 -> 128, 3x3, 1,1, 1,1)
                          (5): nn.SpatialConvolution(64 -> 128, 3x3, 1,1, 1,1)
                                                                                                                                          (5): nn.SpatialConvolution(64 -> 128, 3x3, 1,1, 1,1)
                          (6): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                          (6): nn.SpatialBatchNormalization
                                                                                                                                         (6): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                         (7): nn.ReLU
                          (7): nn.ReLU
                                                                                                                                         (7): nn.ReLU
                                                                                                                                                                                                                                                         (8): nn.SpatialMaxPooling(2,2,2,2)
                          (8): nn.SpatialMaxPooling(3,3,3,3)
                          (9): nn.SpatialConvolution(128 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                         (8): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                                                                                                                                         (9): nn.SpatialConvolution(128 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                          (9): nn.SpatialConvolution(128 -> 128, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                         (10): nn.SpatialBatchNormalization
                          (10): nn.SpatialBatchNormalization
                                                                                                                                         (10): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                         (11) · nn Relii
                          (11): nn.ReLU
                                                                                                                                         (11): nn.ReLU
                                                                                                                                                                                                                                                         (12): nn.Dropout(0.100000)
                         (12): nn.Dropout(0.100000)
                                                                                                                                         (12): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                                                                                                                                         (13): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                         (13): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                         (13): nn.SpatialConvolution(128 -> 256, 3x3, 1,1, 1,1)
                         (14): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                          (14): nn.SpatialBatchNormalization
                                                                                                                                         (14): nn.SpatialBatchNormalization
                         (15): nn.ReLU
                                                                                                                                         (15): nn.ReLU
                                                                                                                                                                                                                                                          (16): nn.SpatialMaxPooling(2,2,2,2)
                          (16): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                         (16): nn.Dropout(0.100000)
                          (17): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                         (17): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                         (17): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                         (18): nn.SpatialBatchNormalization
                          (18): nn.SpatialBatchNormalization
                                                                                                                                         (18): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                         (19): nn.ReLU
                          (19): nn.ReLU
                                                                                                                                         (19): nn.ReLU
                          (20): nn.Dropout(0.200000)
                                                                                                                                                                                                                                                         (20): nn.Dropout(0.200000)
                                                                                                                                                                                                                                                         (21): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                         (20): nn.SpatialMaxPooling(2,2,2,2)
                          (21): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                         (21): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                         (22): nn.SpatialBatchNormalization
                          (22): nn.SpatialBatchNormalization
                                                                                                                                         (22): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                         (23): nn.ReLU
                          (23): nn.ReLU
                                                                                                                                         (23): nn.ReLU
                                                                                                                                                                                                                                                         (24): nn.Dropout(0.200000)
                          (24): nn.Dropout(0.200000)
                                                                                                                                                                                                                                                         (25): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                          (25): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                         (24): nn.Dropout(0.200000)
                          (26): nn.SpatialBatchNormalization
                                                                                                                                         (25): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                          (26): nn.SpatialBatchNormalization
                                                                                                                                         (26): nn.SpatialBatchNormalization
                                                                                                                                                                                                                                                          (27): nn.ReLU
                         (27): nn.ReLU
                                                                                                                                         (27): nn.ReLU
                         (28): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                                                                                                                                          (28): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                         (28): nn.Dropout(0.200000)
                                                                                                                                                                                                                                                          (29): nn.View(1024)
                          (29): nn.View(1024)
                                                                                                                                         (29): nn.SpatialConvolution(256 -> 256, 3x3, 1,1, 1,1)
                                                                                                                                                                                                                                                          (30): nn.Sequential {
                          (30): nn.Sequential {
                                                                                                                                         (30): nn.SpatialBatchNormalization
                             [input -> (1) -> (2) -> (3) -> (4) -> (5) -> (6) ->
                                                                                                                                                                                                                                                            [input -> (1) -> (2) -> (3) -> (4) -> (5) -> (6) ->
                                                                                                                                         (31): nn.ReLU
                                                                                                                                                                                                                                (7) -> output]
(7) -> output1
                                                                                                                                         (32): nn.SpatialMaxPooling(2,2,2,2)
                                                                                                                                                                                                                                                             (1): nn.Dropout(0.500000)
                             (1): nn.Dropout(0.500000)
                                                                                                                                         (33): nn.View(1024)
                                                                                                                                                                                                                                                             (2): nn.Linear(1024 -> 256)
                             (2): nn.Linear(1024 -> 256)
                                                                                                                                         (34): nn.Seguential {
                                                                                                                                                                                                                                                             (3): nn.BatchNormalization
                             (3): nn.BatchNormalization
                                                                                                                                            [input \rightarrow (1) \rightarrow (2) \rightarrow (3) \rightarrow (4) \rightarrow (5) \rightarrow (6) \rightarrow
                                                                                                                                                                                                                                                            (4): nn.ReLU
                             (4): nn.ReLU
                             (5): nn.Dropout(0.400000)
                                                                                                               (7) -> output]
                                                                                                                                                                                                                                                            (5): nn.Dropout(0.400000)
                             (6): nn.Linear(256 -> 10)
                                                                                                                                             (1): nn.Dropout(0.500000)
                                                                                                                                                                                                                                                            (6): nn.Linear(256 -> 10)
                                                                                                                                            (2): nn.Linear(1024 -> 256)
                                                                                                                                                                                                                                                            (7): nn.SoftMax
                             (7): nn.SoftMax
                                                                                                                                            (3): nn.BatchNormalization
                                                                                                                                            (4): nn.ReLU
                                                                                                                                            (5): nn.Dropout(0.400000)
                                                                                                                                                                                                                                                      (3): nn.CMul
                      (3): nn.CMul
                      (4): nn.View(10,1)
                                                                                                                                            (6): nn.Linear(256 -> 10)
                                                                                                                                                                                                                                                      (4): nn.View(10,1)
                                                                                                                                             (7): nn.SoftMax
                                                                                                                                                                                                                                                       (5): nn.Contiquous
                      (5): nn.Contiguous
                                                                                                                                      (3): nn.CMul
              ... -> output
                                                                                                                                       (4): nn.View(10,1)
                                                                                                                                       (5): nn.Contiquous
      (2) · nn Mean
```

nn.Sequential {

(3): nn.View(10)
(4): nn.LogSoftMax