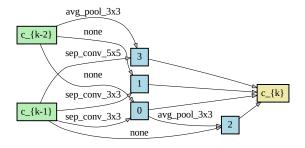
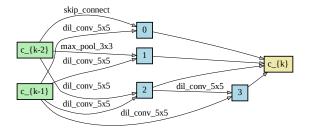
sep_conv_3x3 c_{k-2} sep_conv_3x3 1 sep_conv_5x5 2 skip_connect 0 0 c_{k} sep_conv_3x3 3 3 c_{k-1} sep_conv_5x5 3 sep_conv_3x3 sep_conv_3x3

A. Without Teacher Guidance

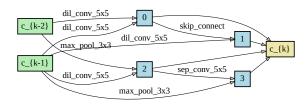
(a) Searched normal cell w/o teacher guidance on CIFAR-10 classification.



(b) Searched reduction cell w/o teacher guidance on CIFAR-10 classification.

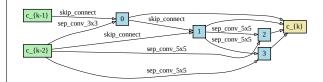


(c) Searched normal cell w/o teacher guidance on PASCAL VOC semantic segmentation.

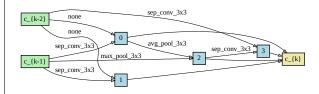


(c) Searched normal cell w/o teacher guidance on PASCAL VOC semantic segmentation.

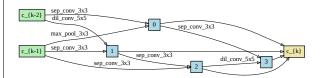
B. With Teacher Guidance



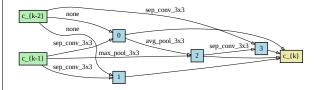
(e) Searched normal cell w/ teacher guidance on CIFAR-10 classification.



(f) Searched reduction cell w/ teacher guidance on CIFAR-10 classification.



(g) Searched normal cell w/ teacher guidance on PASCAL VOC semantic segmentation.



(g) Searched normal cell w/ teacher guidance on PASCAL VOC semantic segmentation.

Figure 3. Visualization of normal and reduction cells in DARTS search space on CIFAR-10 and PASCAL VOC semantic segmentation.