Original Image at layer 1 Class token added at layer 0 Class Token Attention Head 1 Class Token Attention Head 2 Class Token Attention Head 3 1.0 1.0 1.0 8.0 8.0 8.0 0.6 0.6 0.6 0.4 0.4 0.4 0.2 0.2 0.2 0.0 + 0.0 0.0 0.0 0.2 0.4 0.6 0.8 0.2 0.4 0.6 0.8 1.0 8.0 1.0 0.0 0.2 0.4 0.6 1.0 1.0 1.0 1.0 0.8 8.0 8.0 0.6 0.6 0.6 0.4 0.4 0.4 0.2 -0.2 0.2 0.0 0.0 0.4 0.6 0.4 1.0 0.2 0.6 0.2 8.0 8.0 1.0 0.2 0.6 0.4 8.0 1.0 1.0 -1.0 -1.0 0.8 -0.8 -0.8 0.6 -0.6 -0.6 0.4 -0.4 -0.4 0.2 -0.2 -0.2 -0.0 0.0 0.0 0.6 8.0 0.6 0.6 0.4 0.2 0.4 8.0 0.2 0.4 8.0 1.0 1.0 0.2 1.0

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Original Image at layer 1 Register tokens added at layer 0 Register Token 4 Attention Head 1 Register Token 4 Attention Head 2 Register Token 4 Attention Head 3 1.0 1.0 1.0 8.0 8.0 8.0 0.6 0.6 0.6 0.4 0.4 0.4 0.2 0.2 0.2 0.0 + 0.0 0.0 0.0 0.2 0.2 0.6 0.8 0.4 0.6 1.0 0.6 0.8 1.0 0.4 1.0 8.0 0.0 0.2 0.4 1.0 1.0 1.0 8.0 8.0 8.0 0.6 0.6 0.6 0.4 0.4 0.4 0.2 -0.2 0.2 0.6 1.0 0.2 0.2 0.4 8.0 1.0 0.0 0.2 0.4 0.6 8.0 0.0 0.4 0.6 8.0 1.0 1.0 -1.0 -1.0 0.8 -0.8 -0.8 0.6 -0.6 -0.6 0.4 -0.4 -0.4 0.2 -0.2 -0.2 -0.0 0.0 0.0 0.6 8.0 0.6 0.6 0.2 0.4 8.0 0.2 0.4 0.4 1.0 1.0 0.2 8.0 1.0