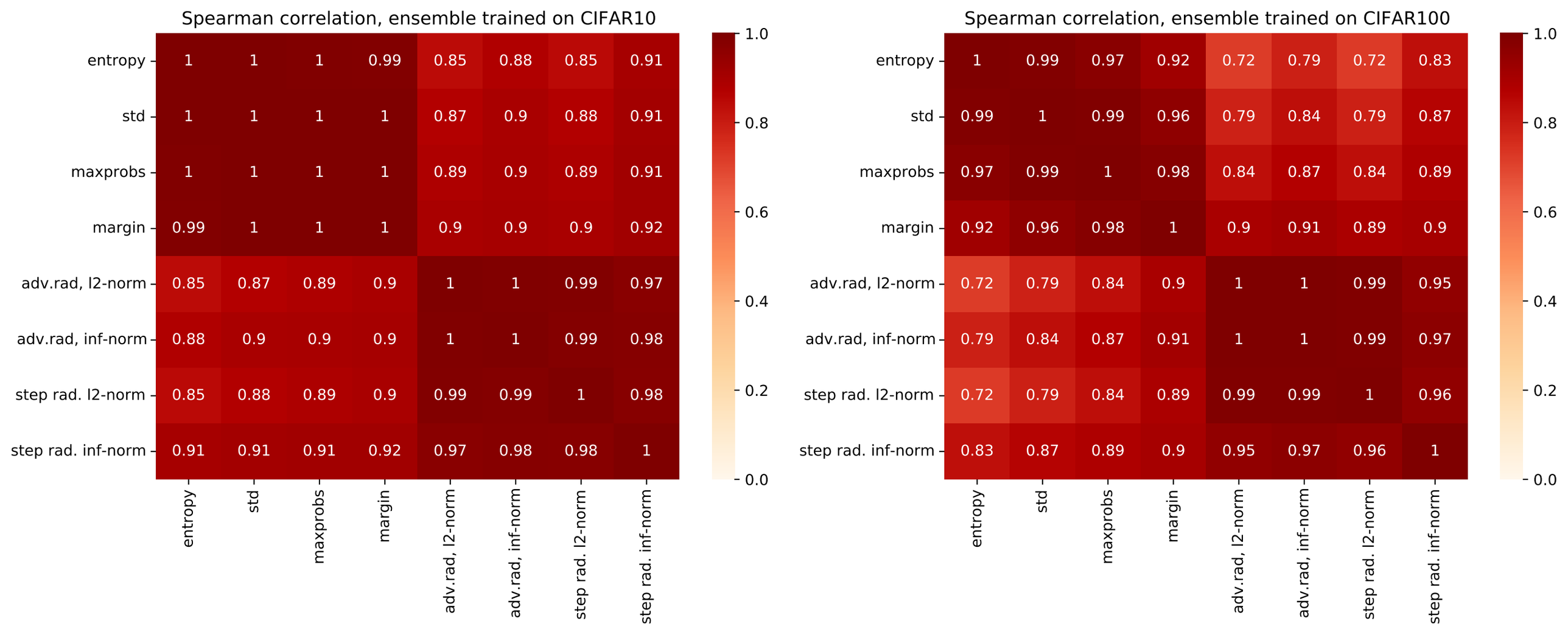
Spearman correlation, ensemble trained on CIFAR10
entropy 1 1 1 0.99 0.85 0.88 0.85 0.91
std 1 1 1 1 0.87 0.9 0.88 0.91
maxprobs 1 1 1 1 0.89 0.9 0.89 0.91
margin 0.99 1 1 1 0.9 0.9 0.9 0.92
adv.rad, l2-norm 0.85 0.87 0.89 0.9 1 1 0.99 0.97
adv.rad, inf-norm 0.88 0.9 0.9 0.9 1 1 0.99 0.98
step rad. l2-norm 0.85 0.88 0.89 0.9 0.99 0.99 1 0.98
step rad. inf-norm 0.91 0.91 0.91 0.92 0.97 0.98 0.98 1
entropy std maxprobs margin adv.rad, l2-norm adv.rad, inf-norm step rad. l2-norm step rad. inf-norm
1.0 0.8 0.6 0.4 0.2 0.0
Spearman correlation, ensemble trained on CIFAR100
entropy 1 0.99 0.97 0.92 0.72 0.79 0.72 0.83
std 0.99 1 0.99 0.96 0.79 0.84 0.79 0.87
maxprobs 0.97 0.99 1 0.98 0.84 0.87 0.84 0.89
margin 0.92 0.96 0.98 1 0.9 0.91 0.89 0.9
adv.rad, l2-norm 0.72 0.79 0.84 0.9 1 1 0.99 0.95
adv.rad, inf-norm 0.79 0.84 0.87 0.91 1 1 0.99 0.97
step rad. l2-norm 0.72 0.79 0.84 0.89 0.99 0.99 1 0.96
step rad. inf-norm 0.83 0.87 0.89 0.9 0.95 0.97 0.96 1
entropy std maxprobs margin adv.rad, l2-norm adv.rad, inf-norm step rad. l2-norm step rad. inf-norm
1.0 0.8 0.6 0.4 0.2 0.0