Supplementary Material 1/2 Learning a Confidence Measure for Optical Flow

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Abstract—In this supplementary material we provide the complete comparison to the results of other methods as presented in Figure 4 in the main paper for 32 sequences. The results are quantified in Table 1. Our results are presented with $\epsilon_{epe} = 0.25$. For each sequence we show the result of comparing our confidence measure against six others for four different optical flow algorithms (TV, FL, CN and LD).

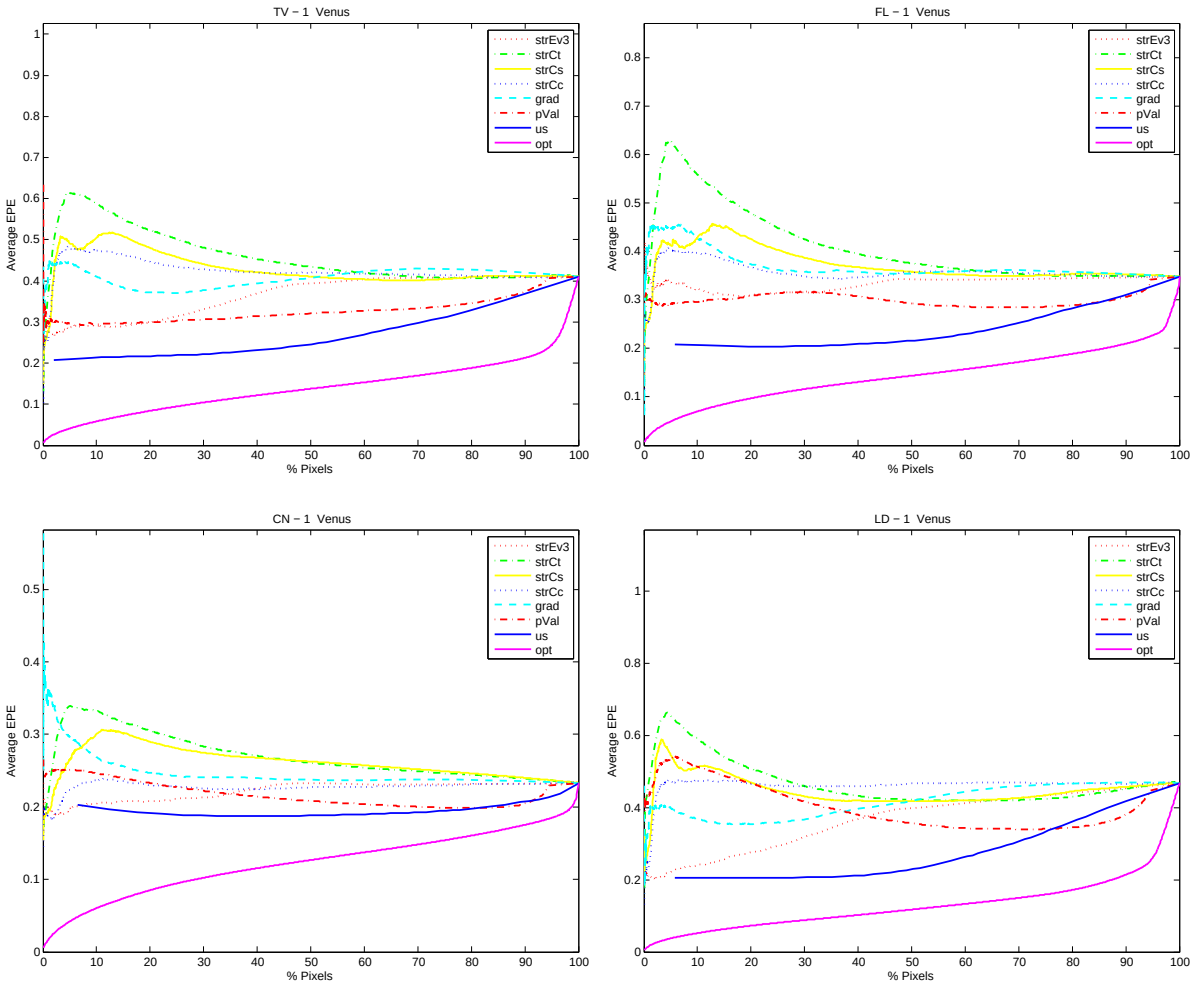
TV − 1 Venus
FL − 1 Venus
CN − 1 Venus
LD − 1 Venus
Average EPE
% Pixels
strEv3
strCt
strCs
strCc
grad
pVal
us
opt

Fig. 1: 1 Venus

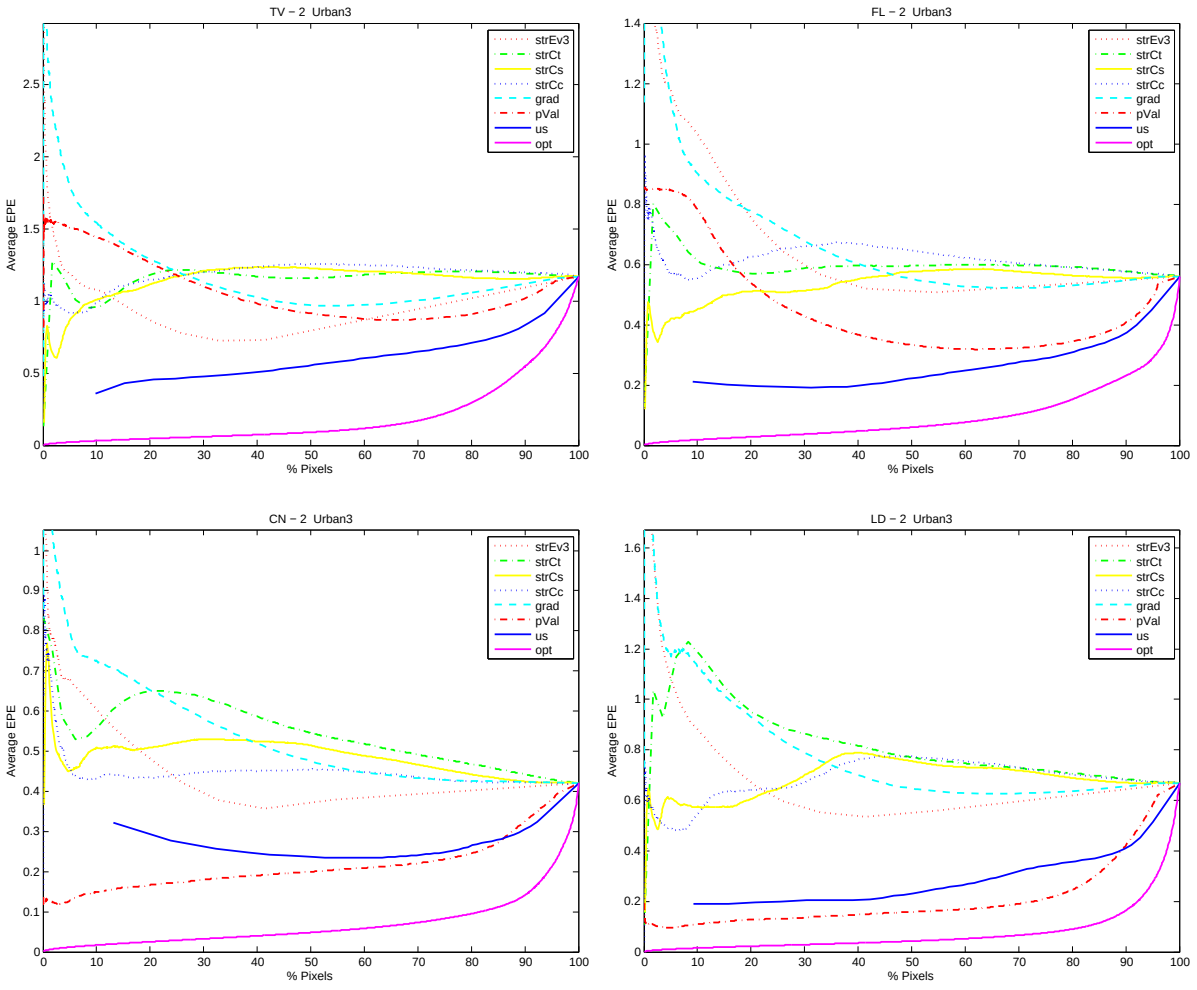

Fig. 2: 2 Urban3

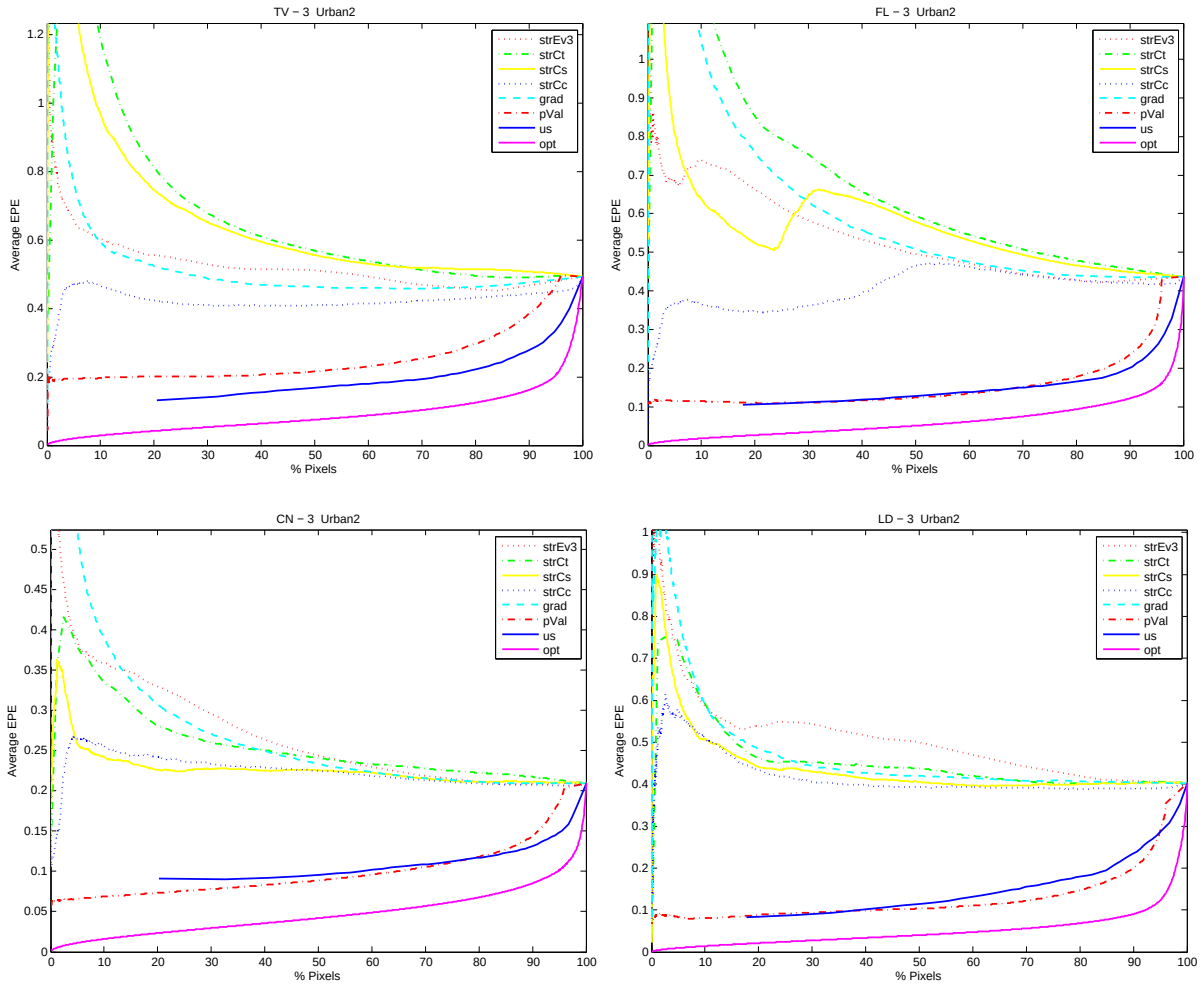

Fig. 3: 3 Urban2

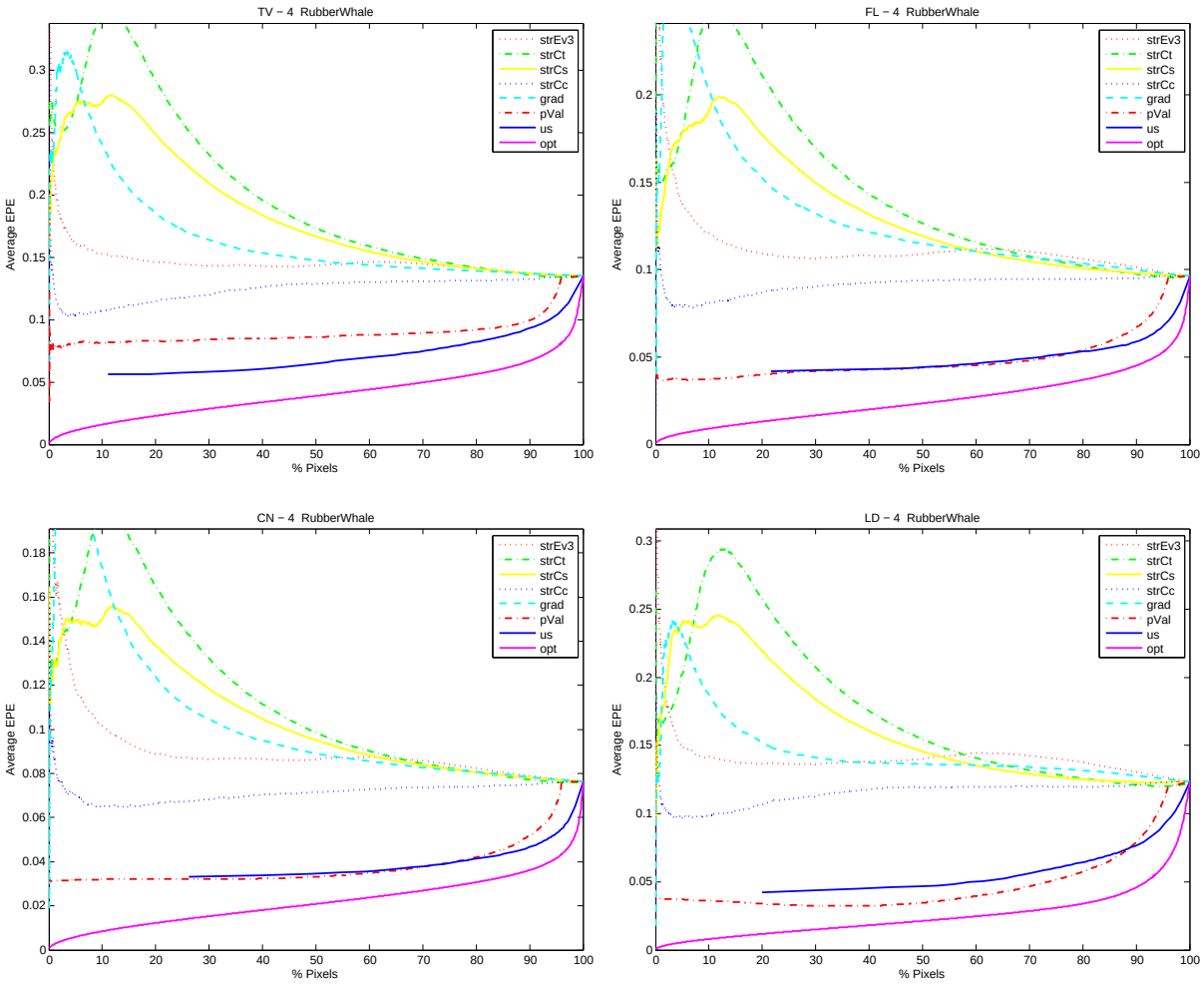

Fig. 4: 4 RubberWhale

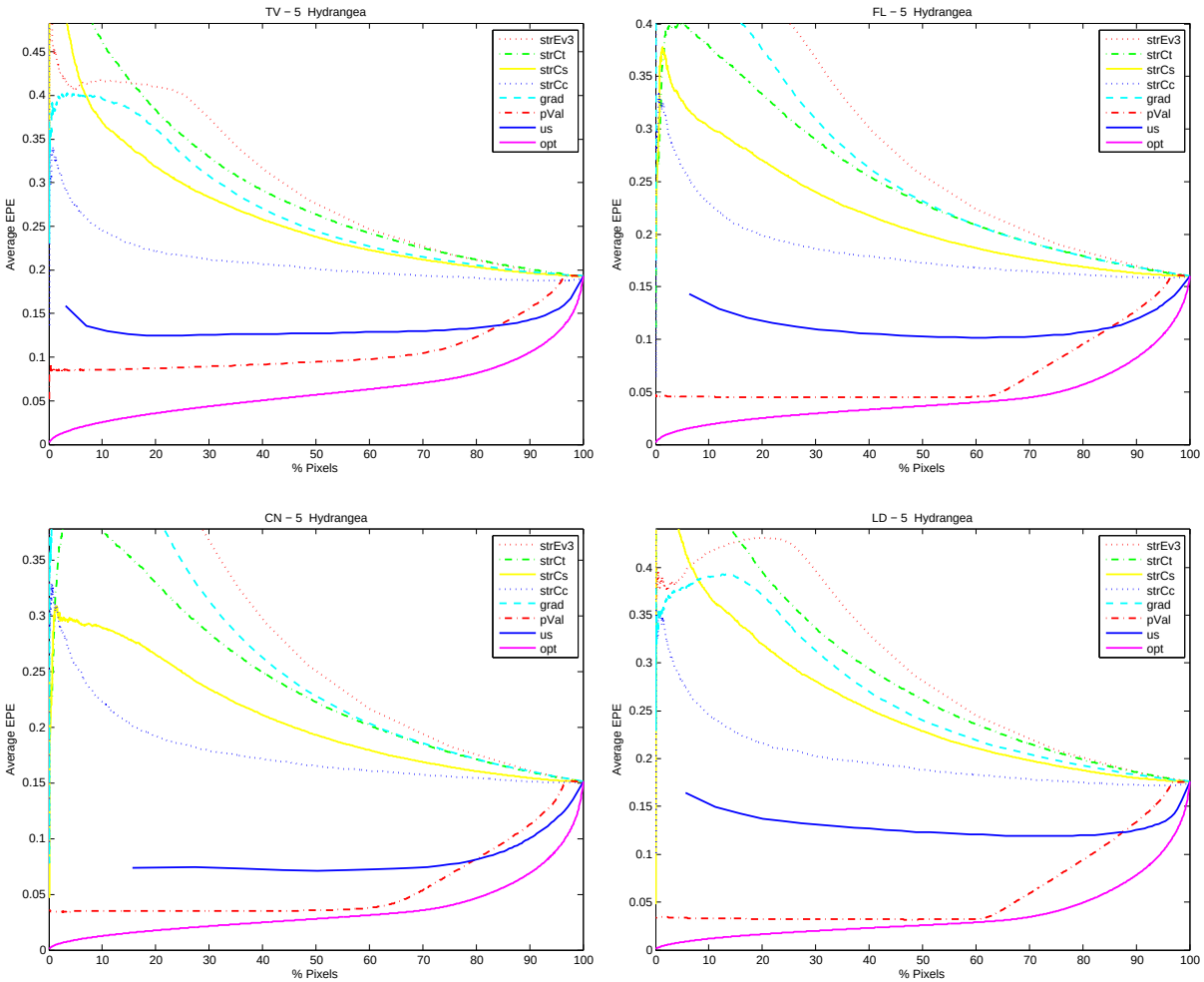

Fig. 5: 5 Hydrangea

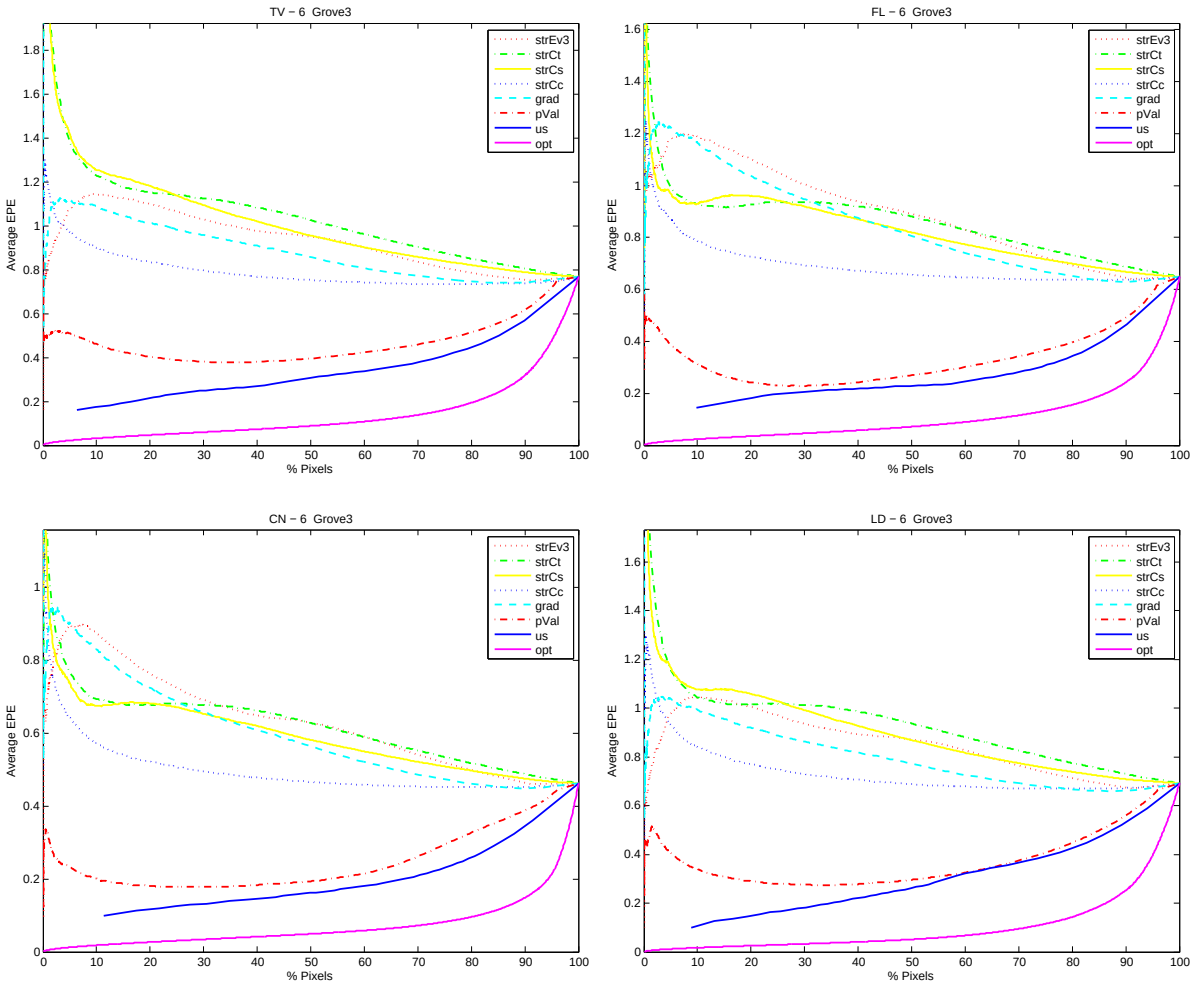

Fig. 6: 6 Grove3

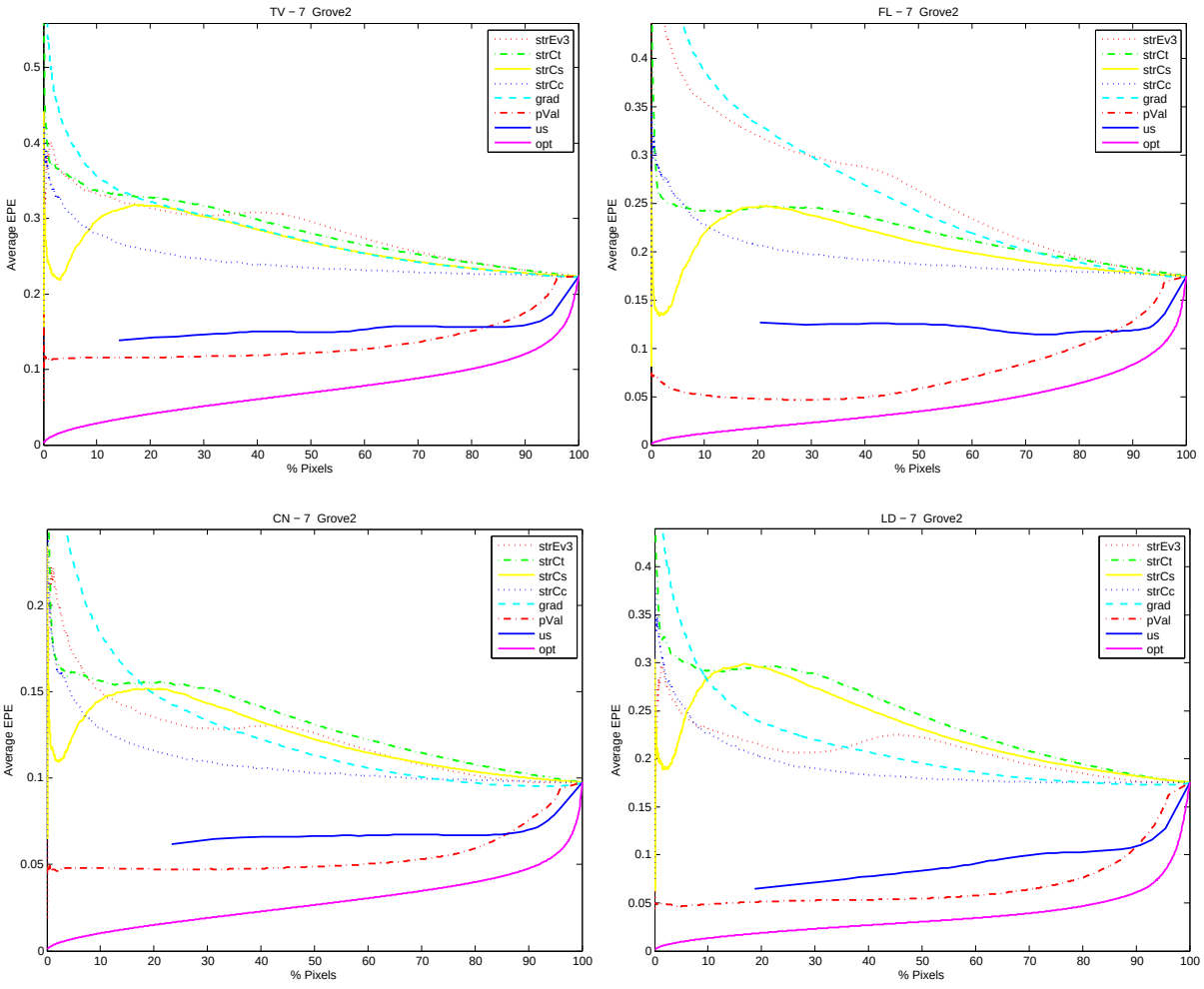

Fig. 7: 7 Grove2

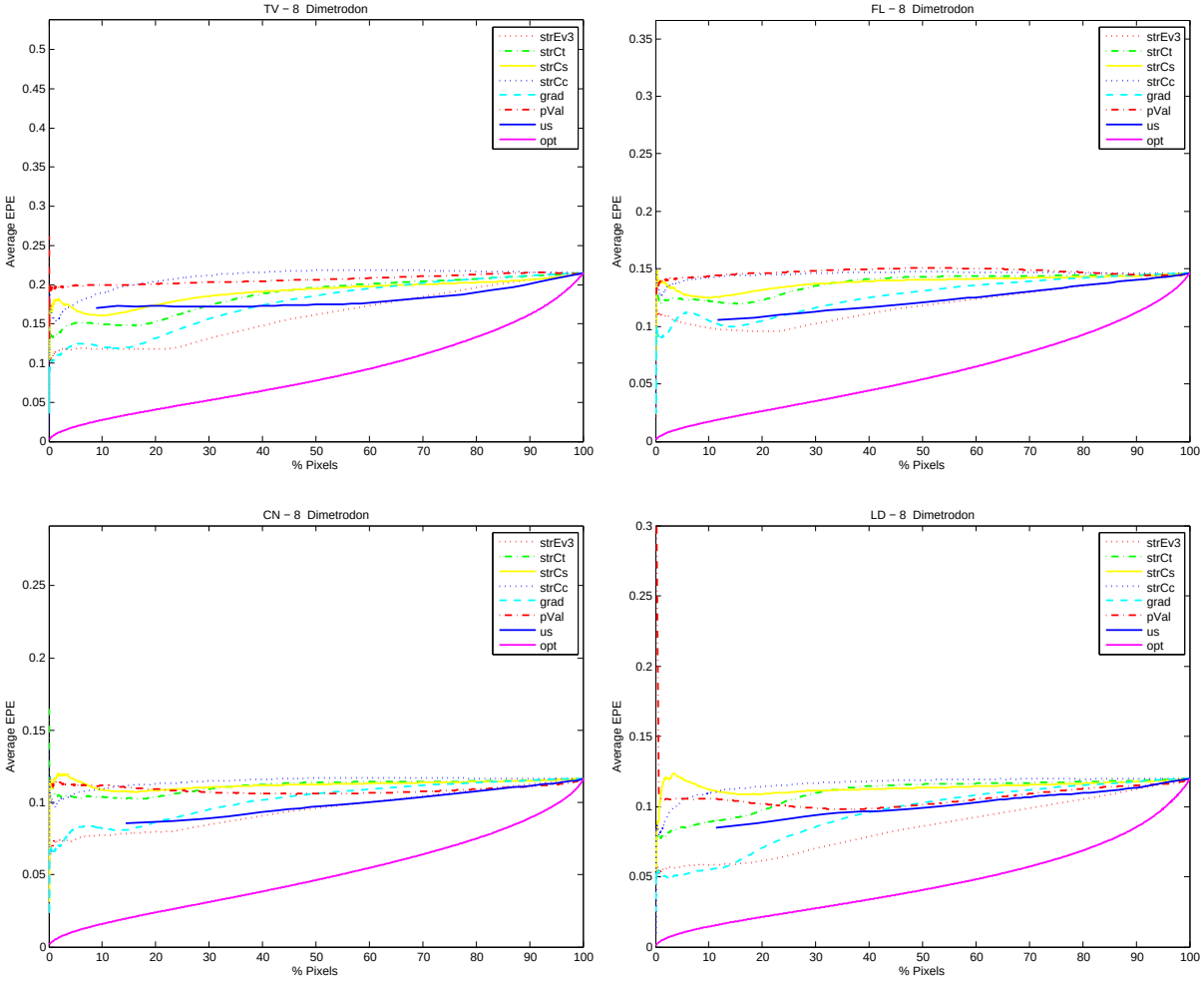

Fig. 8: 8 Dimetrodon

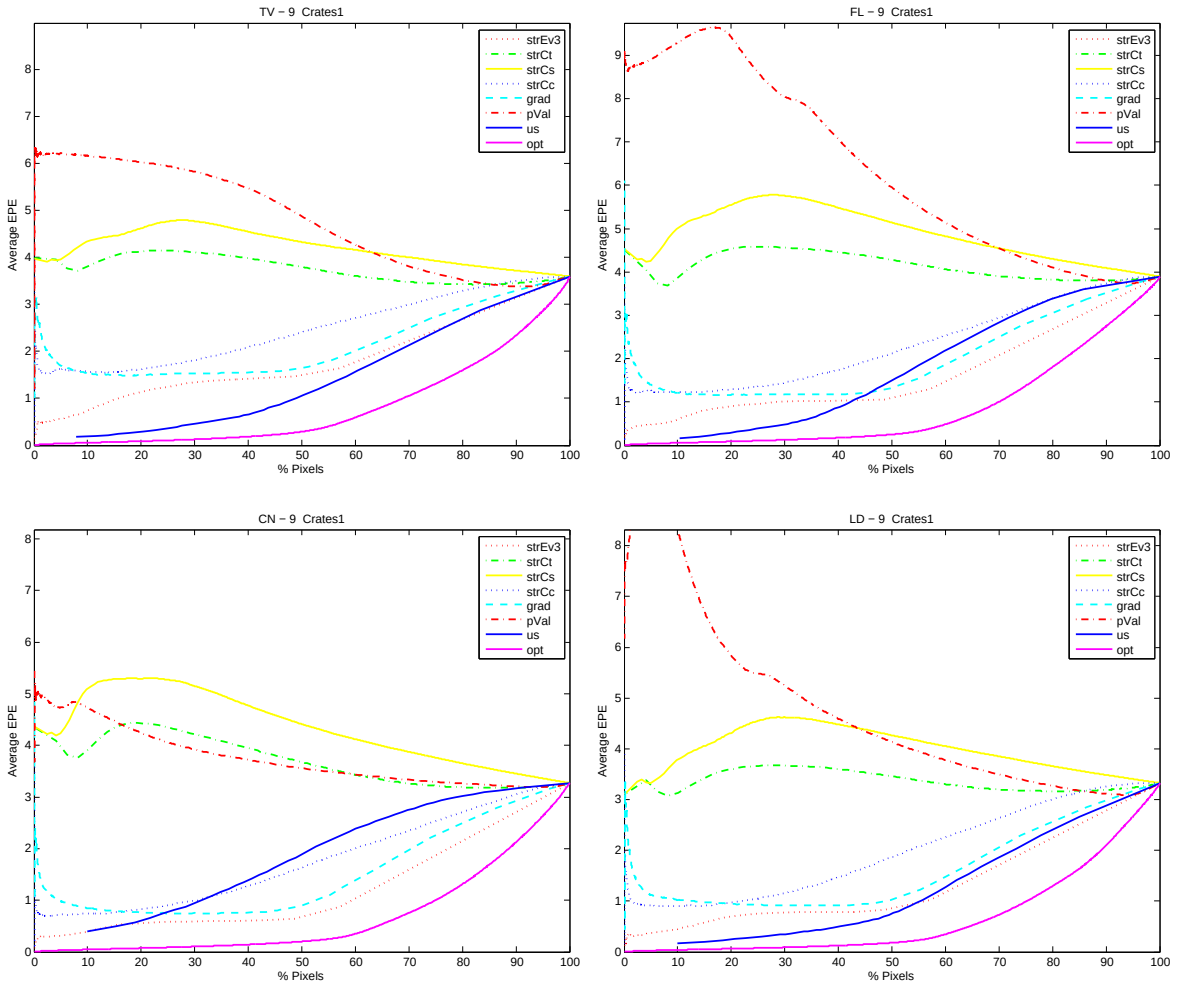

Fig. 9: 9 Crates1

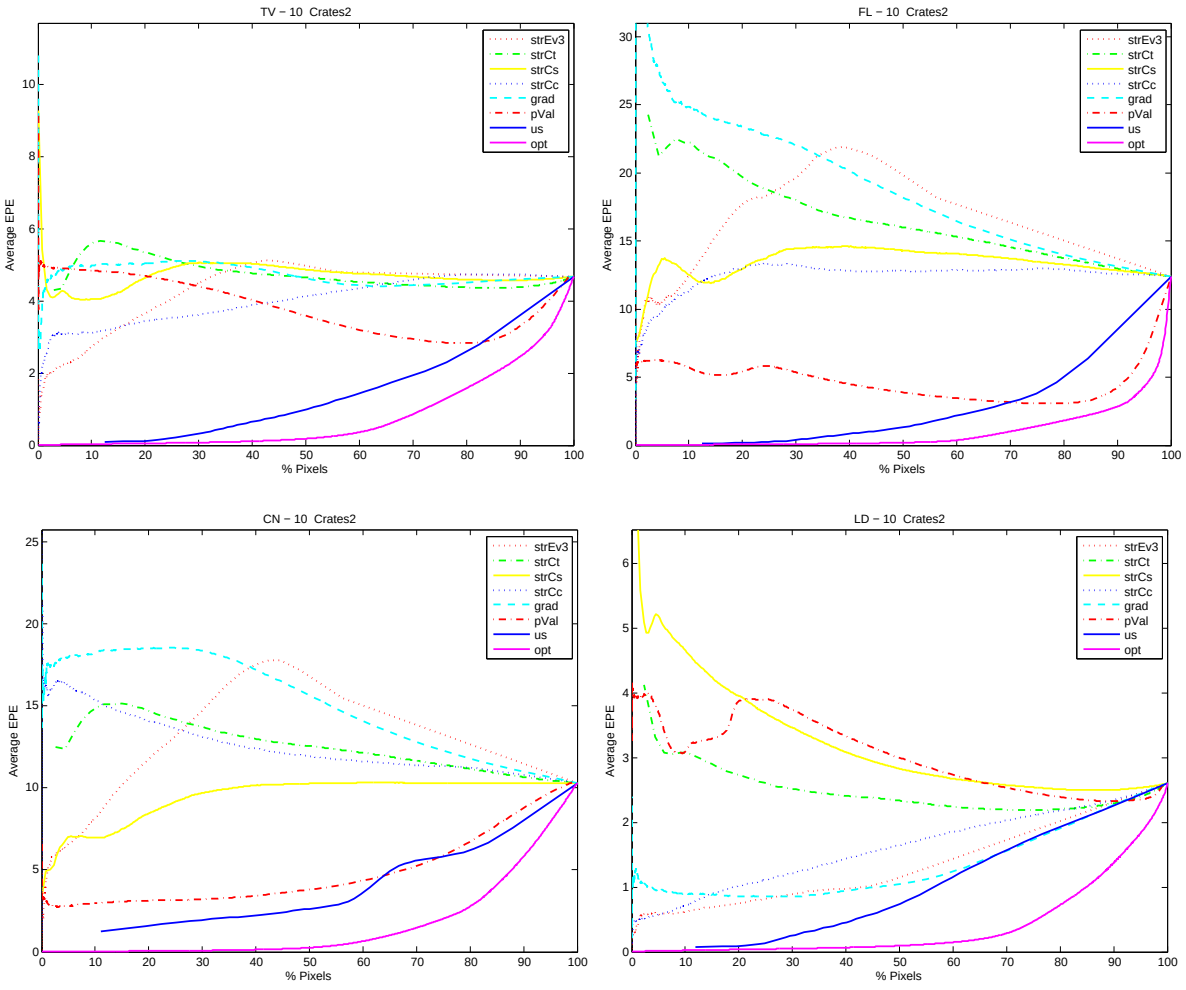

Fig. 10: 10 Crates2

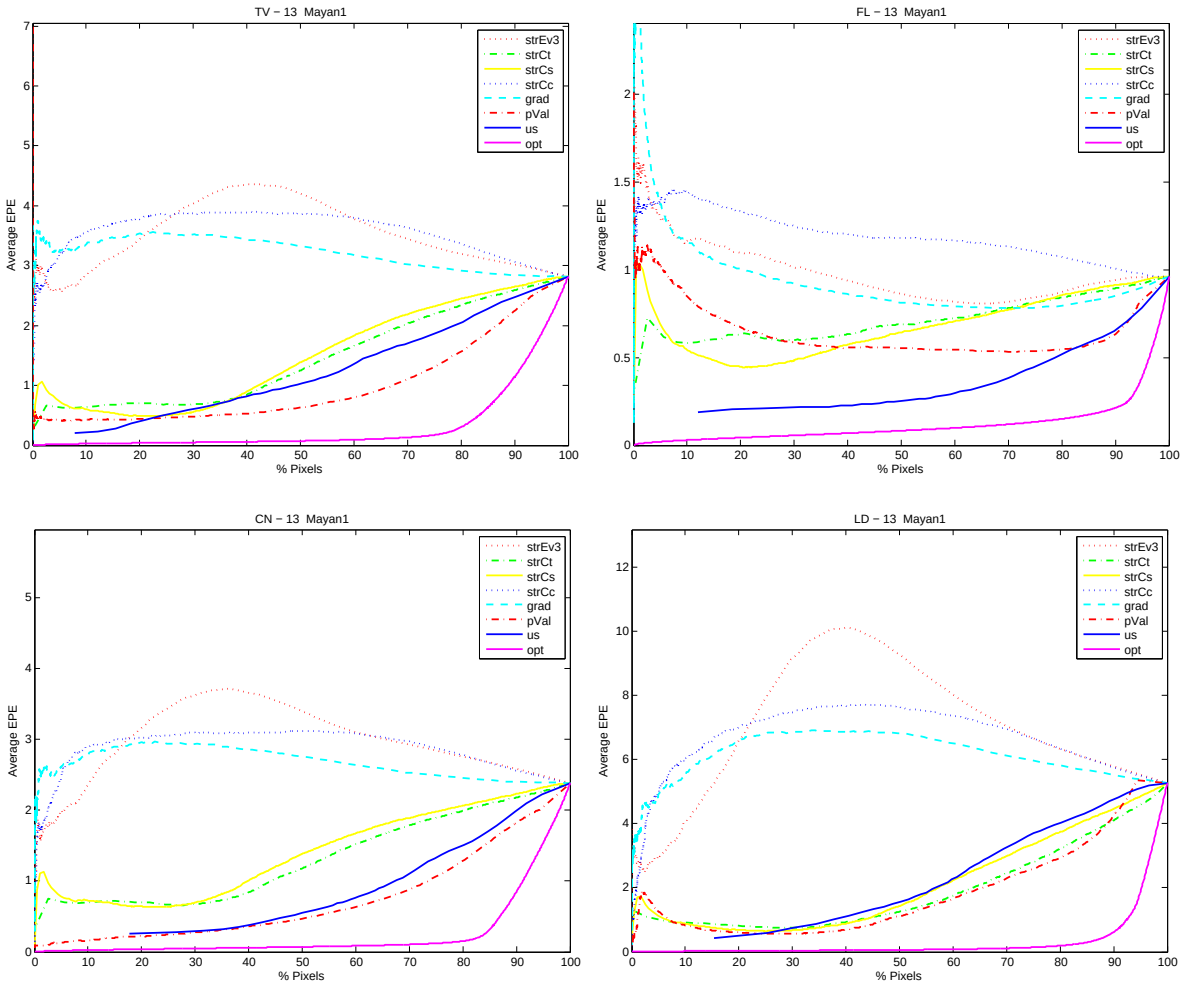

Fig. 11: 13 Mayan1

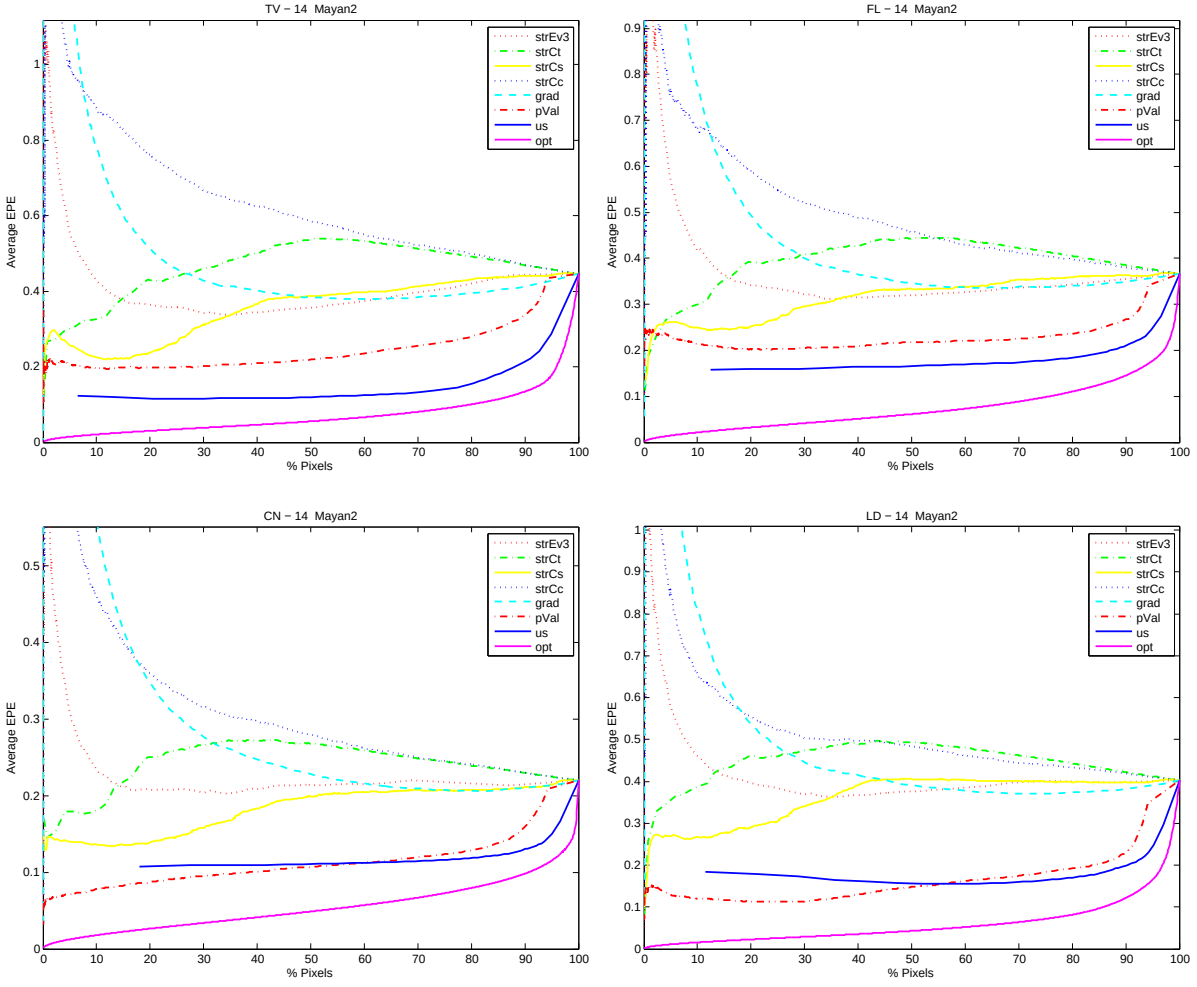

Fig. 12: 14 Mayan2

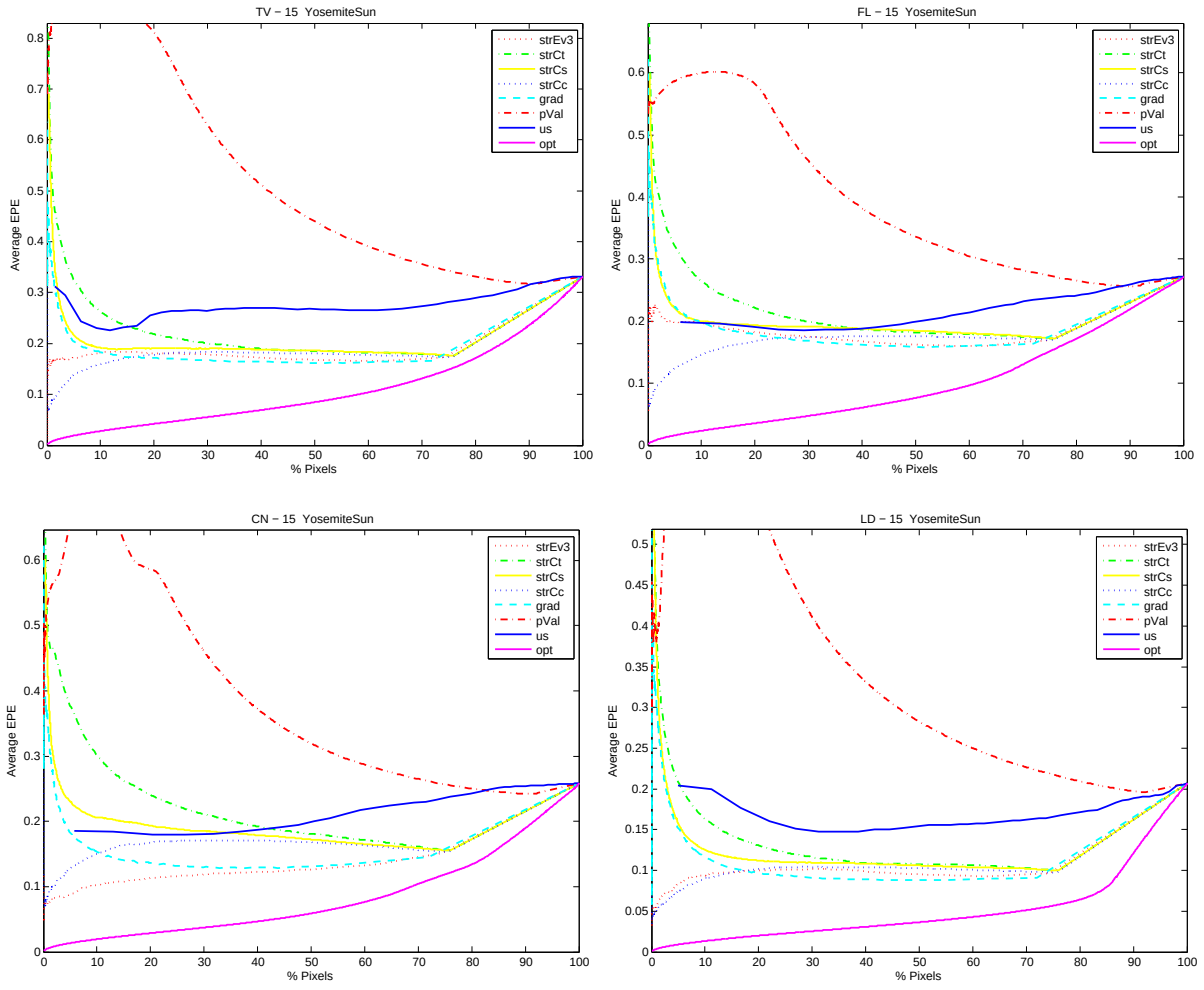

Fig. 13: 15 YosemiteSun

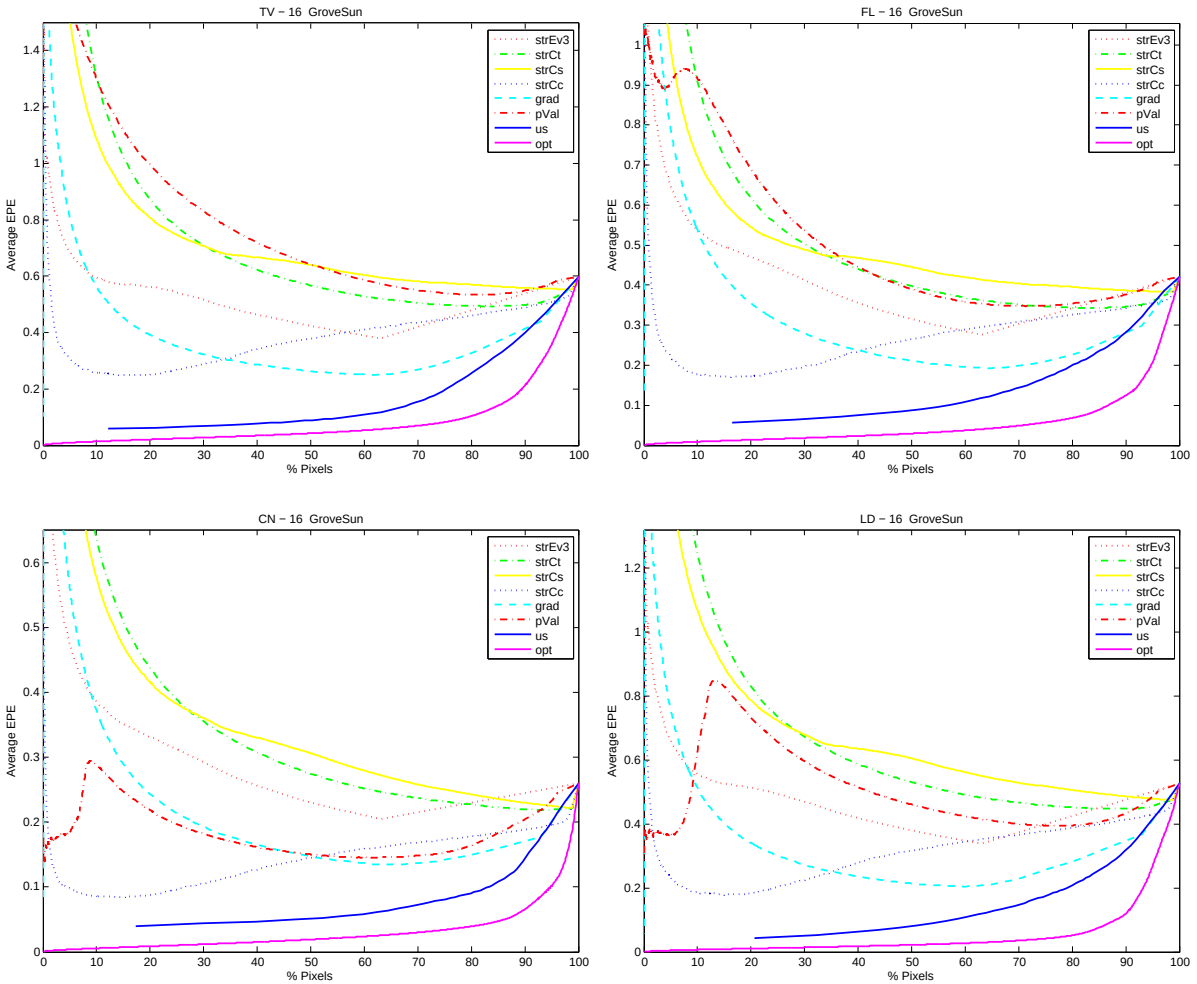

Fig. 14: 16 GroveSun

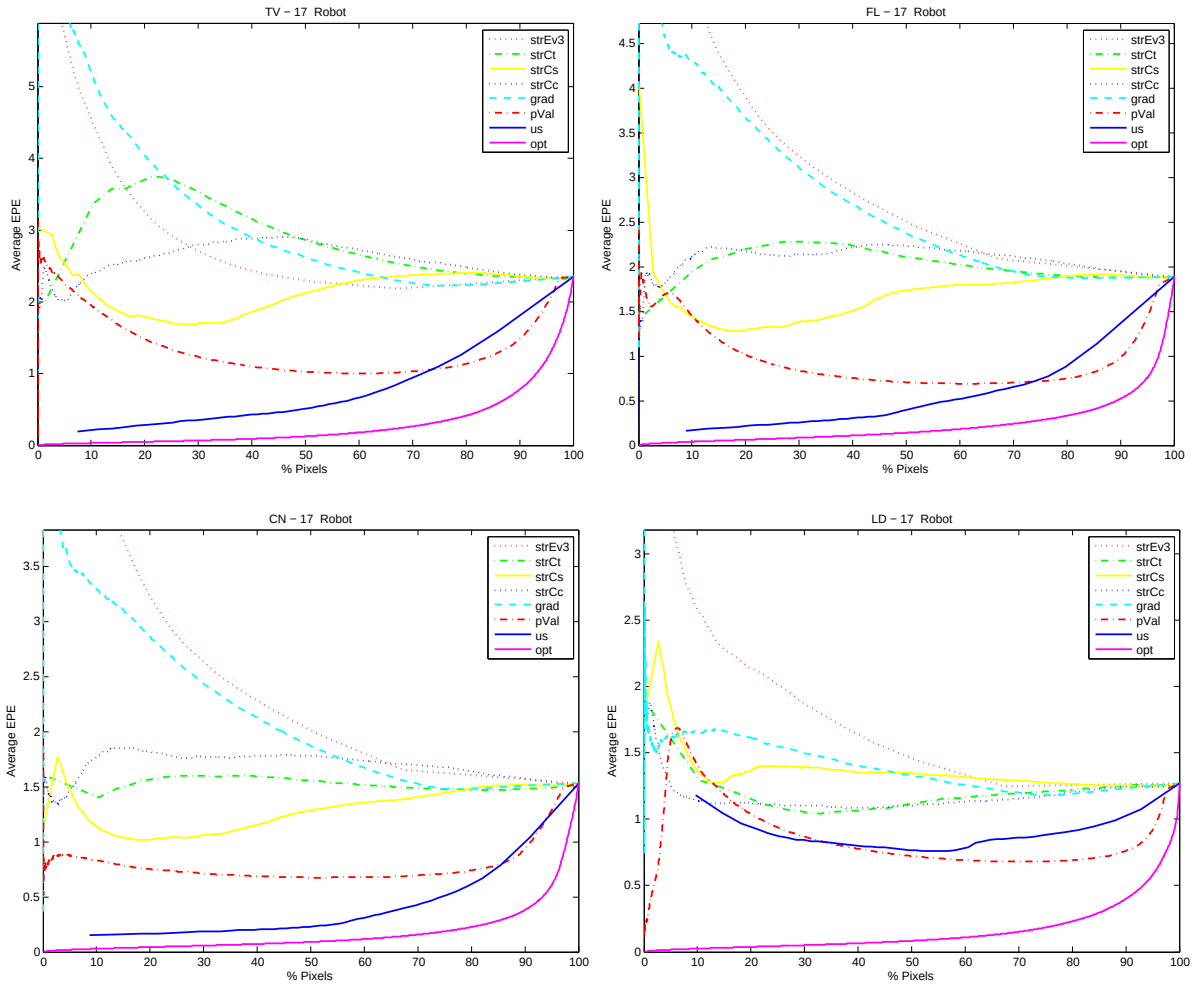

Fig. 15: 17 Robot

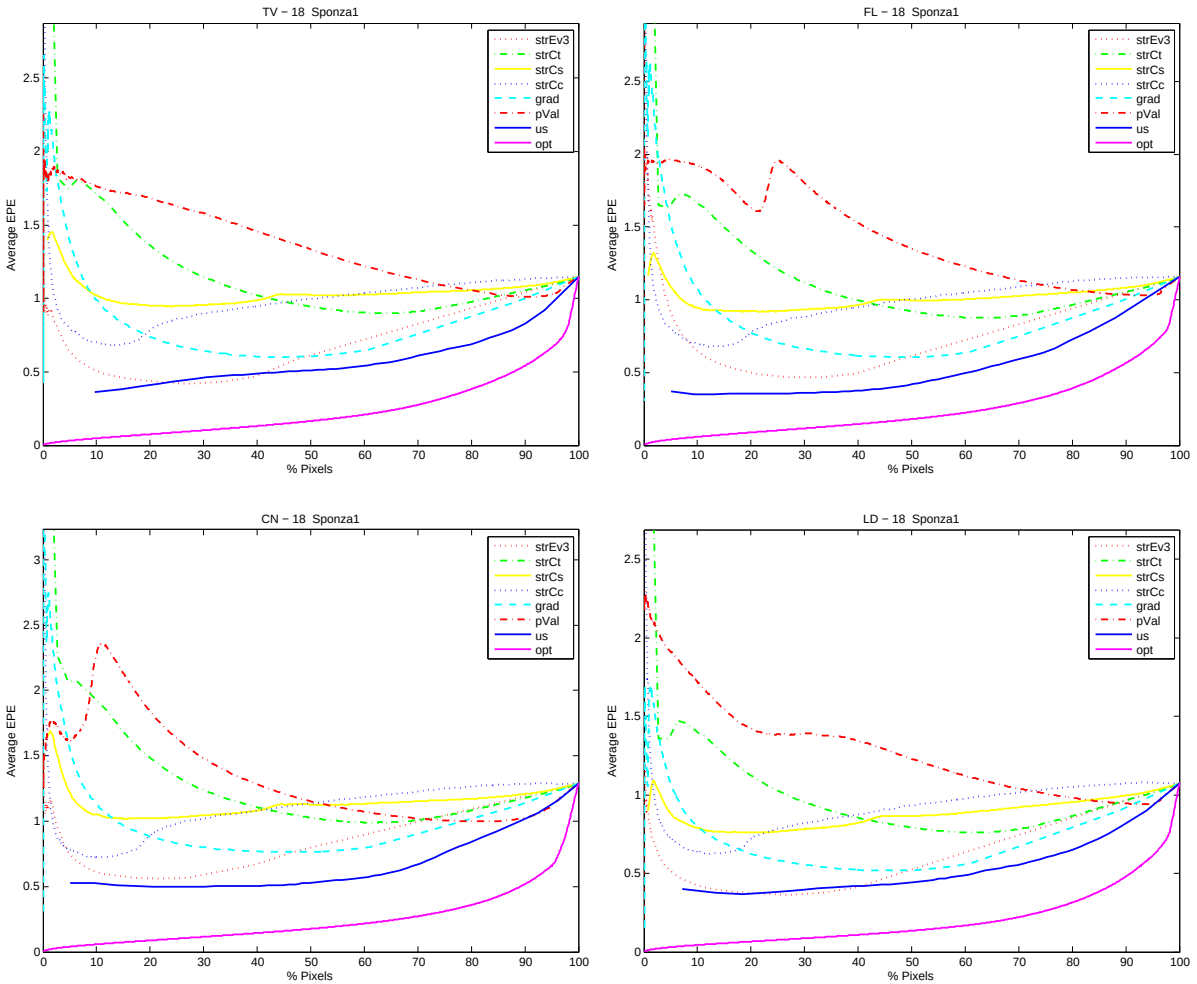

Fig. 16: 18 Sponza1

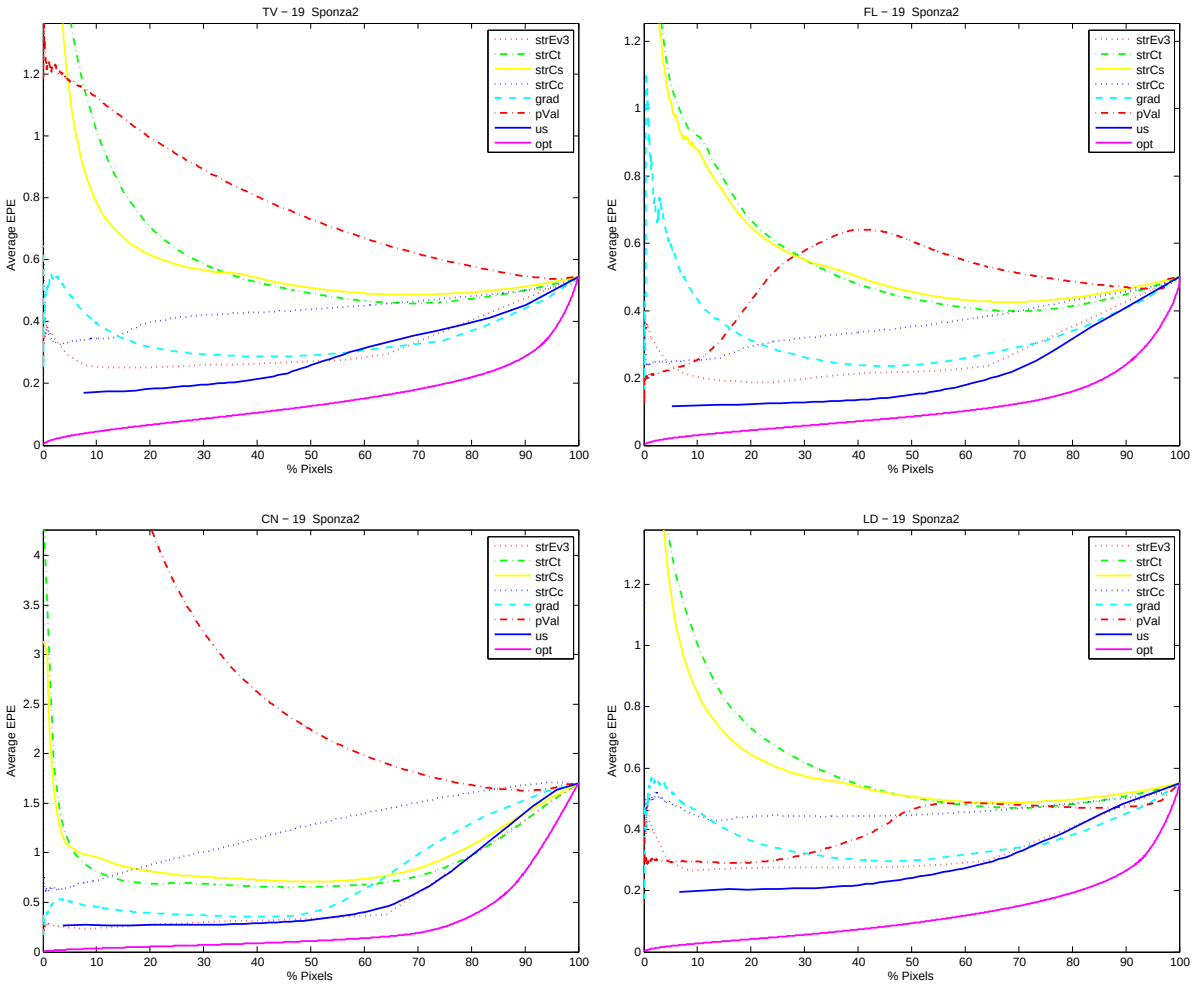

Fig. 17: 19 Sponza2

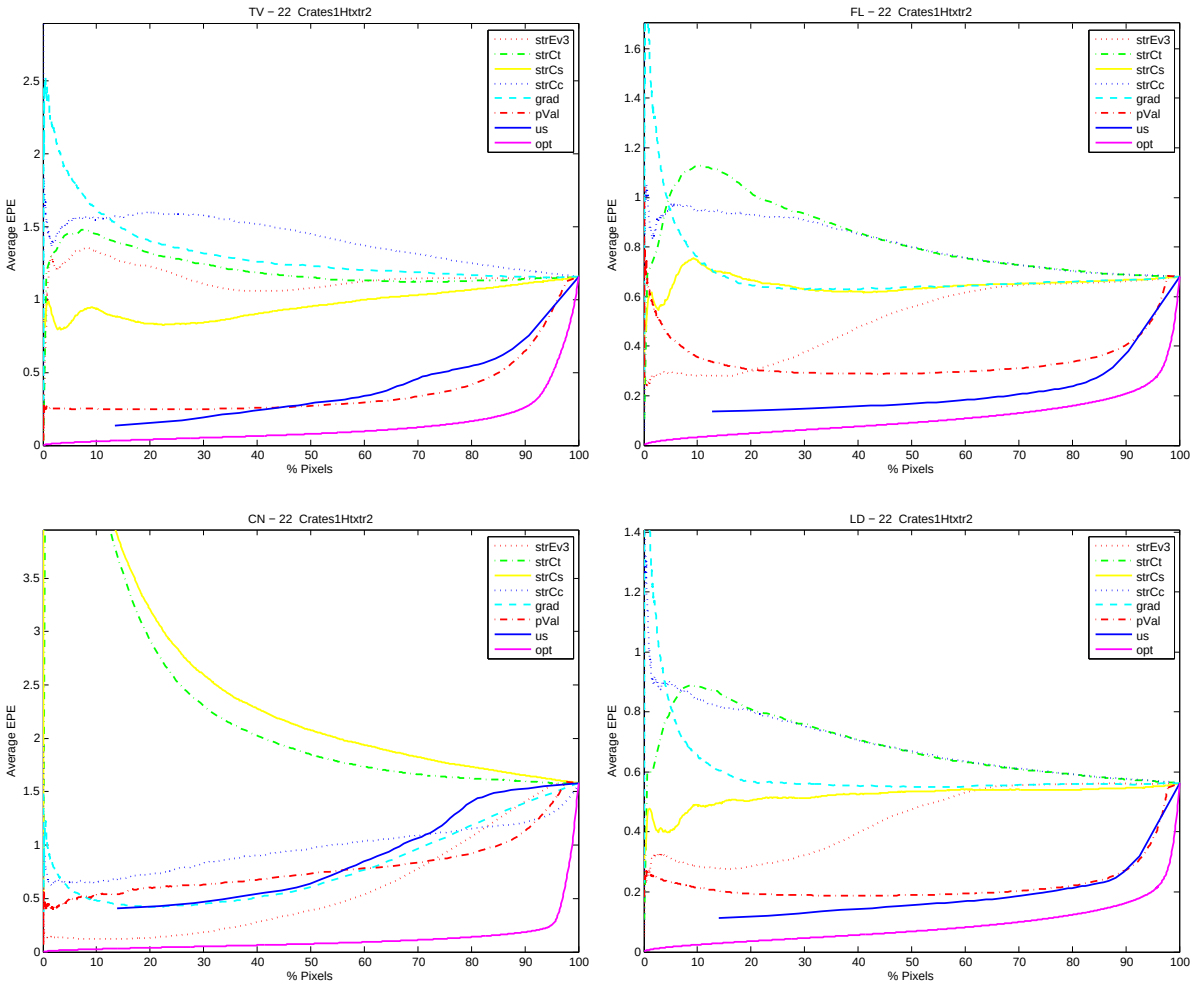

Fig. 18: 22 Crates1Htxtr2

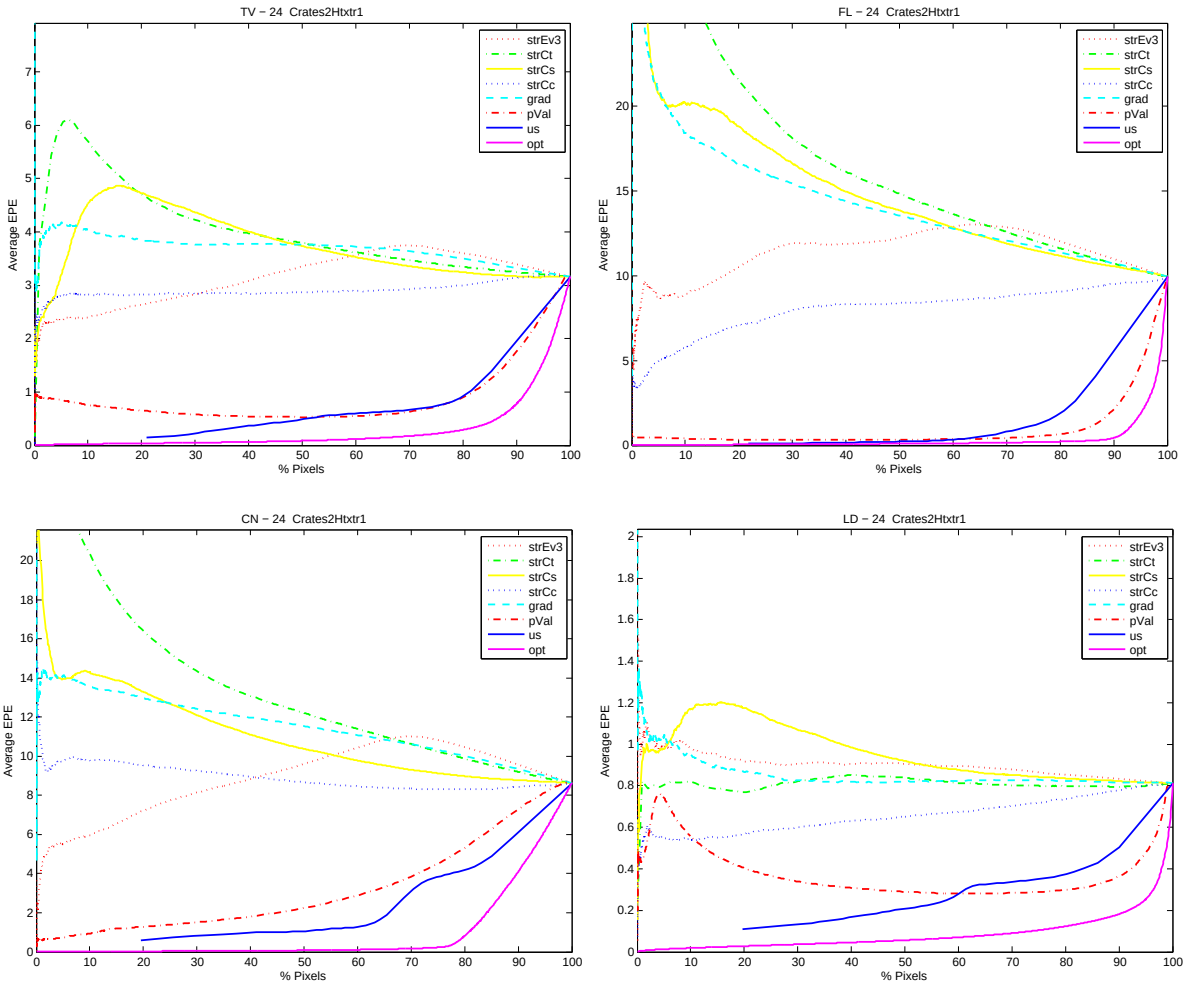

Fig. 19: 24 Crates2Htxtr1

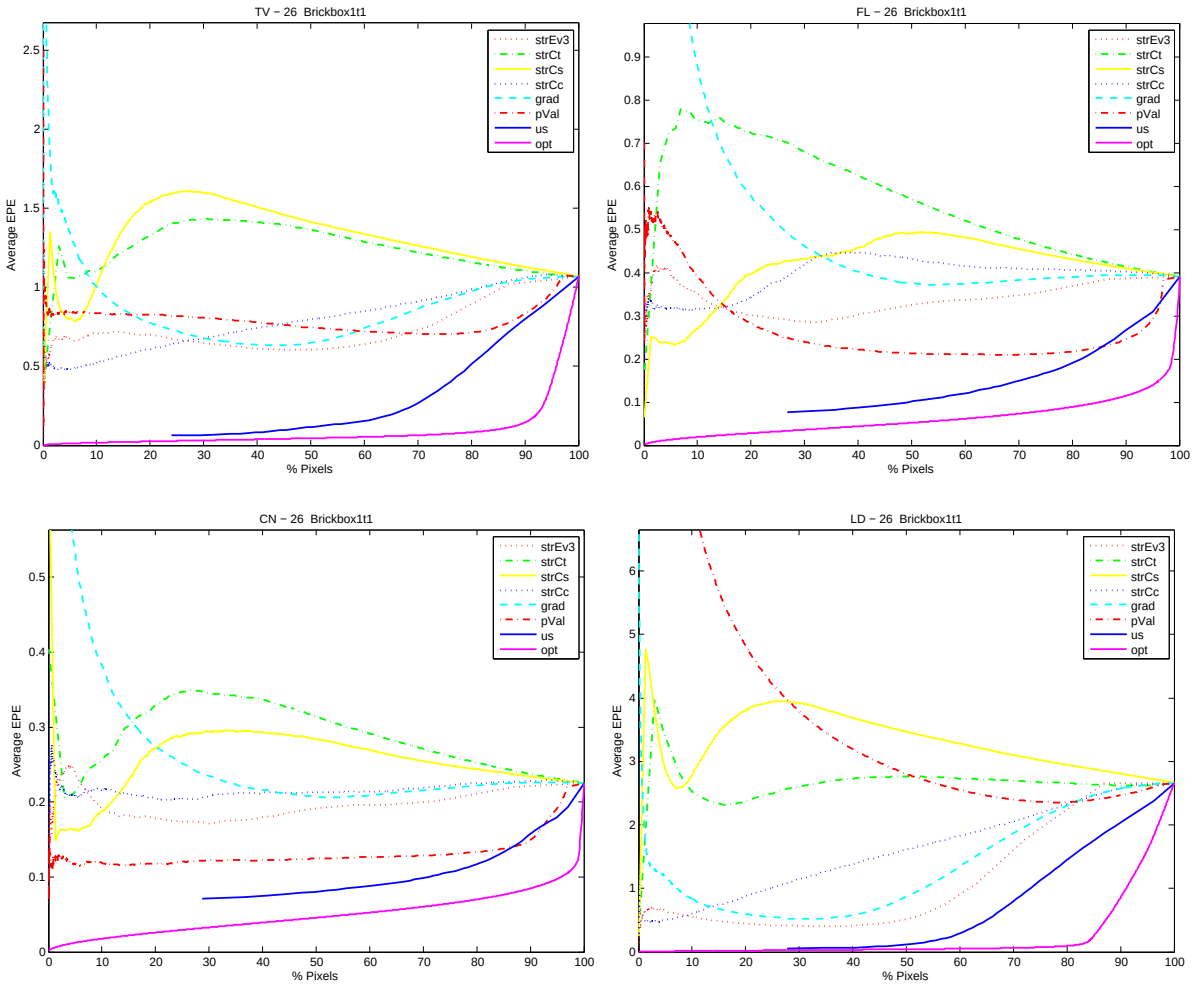

Fig. 20: 26 Brickbox1t1

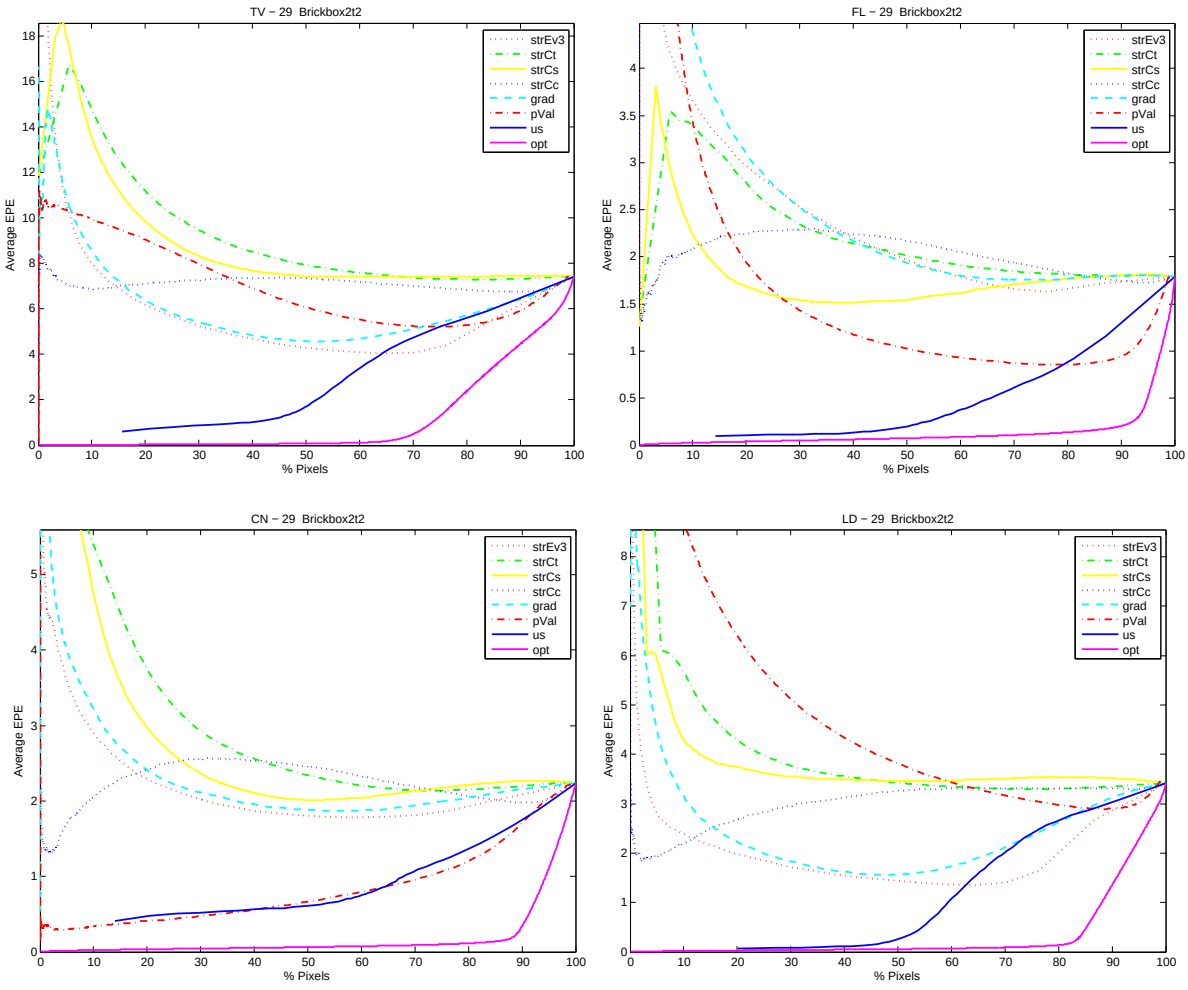

Fig. 21: 29 Brickbox2t2

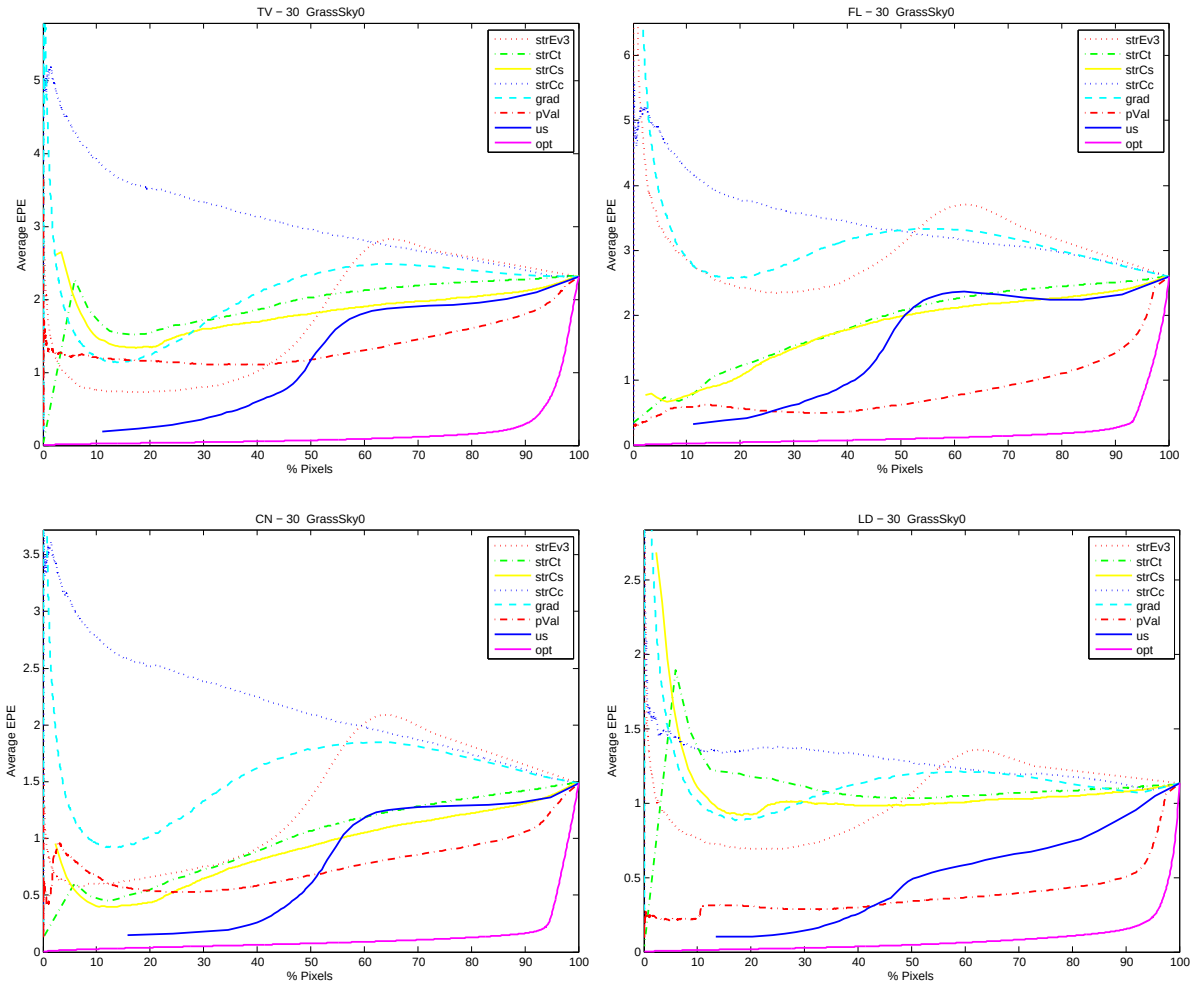

Fig. 22: 30 GrassSky0

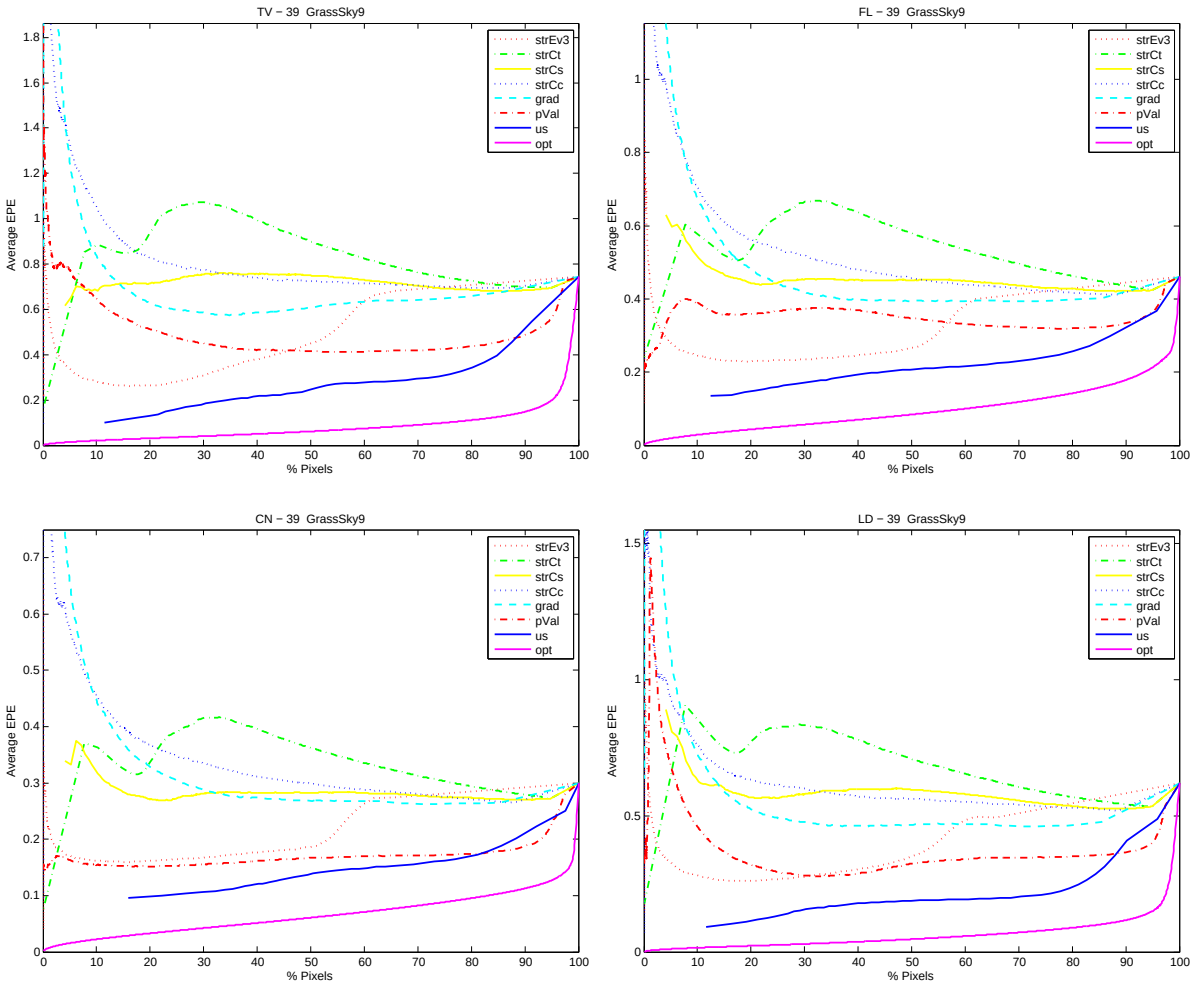

Fig. 23: 39 GrassSky9

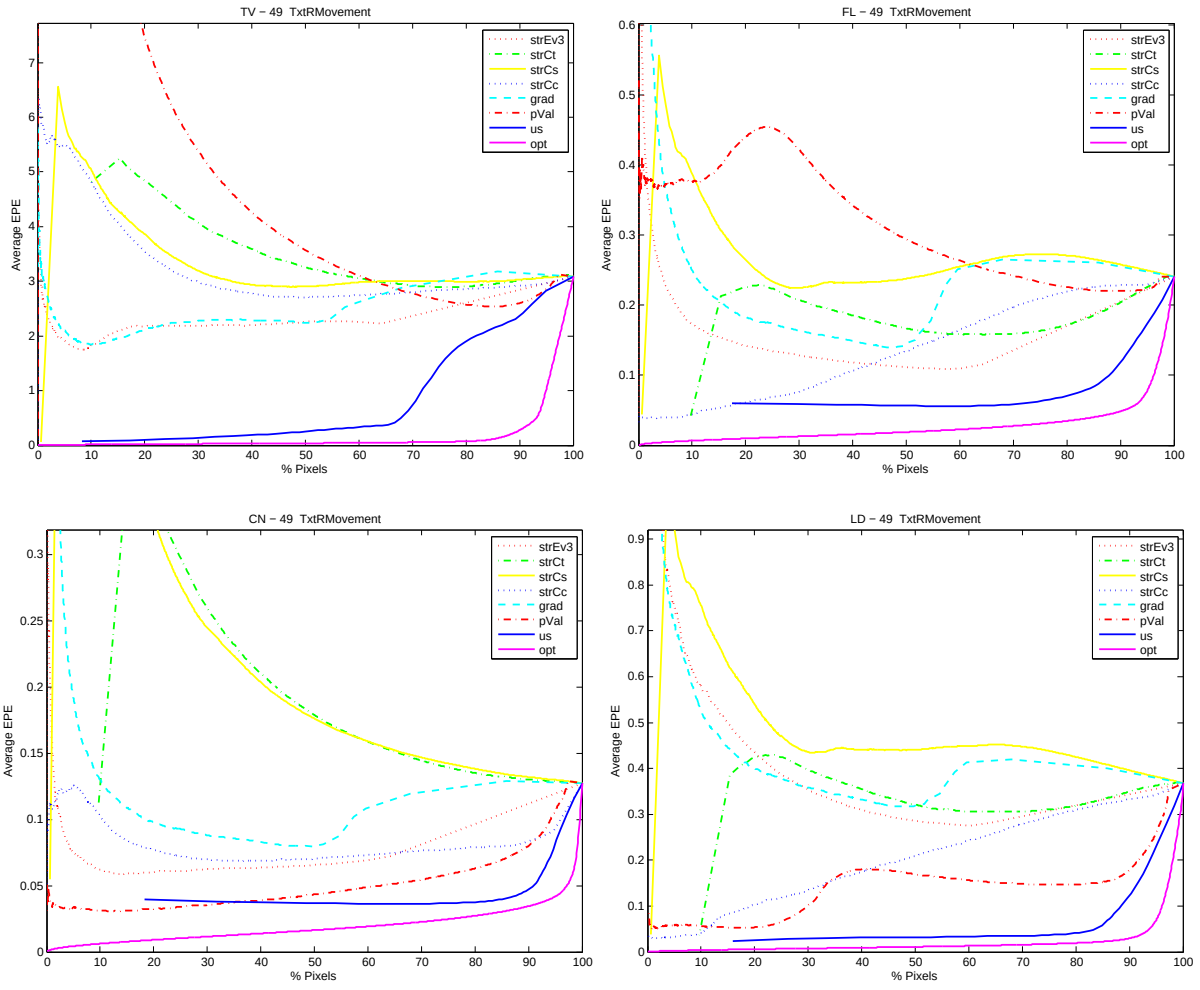

Fig. 24: 49 TxtRMovement

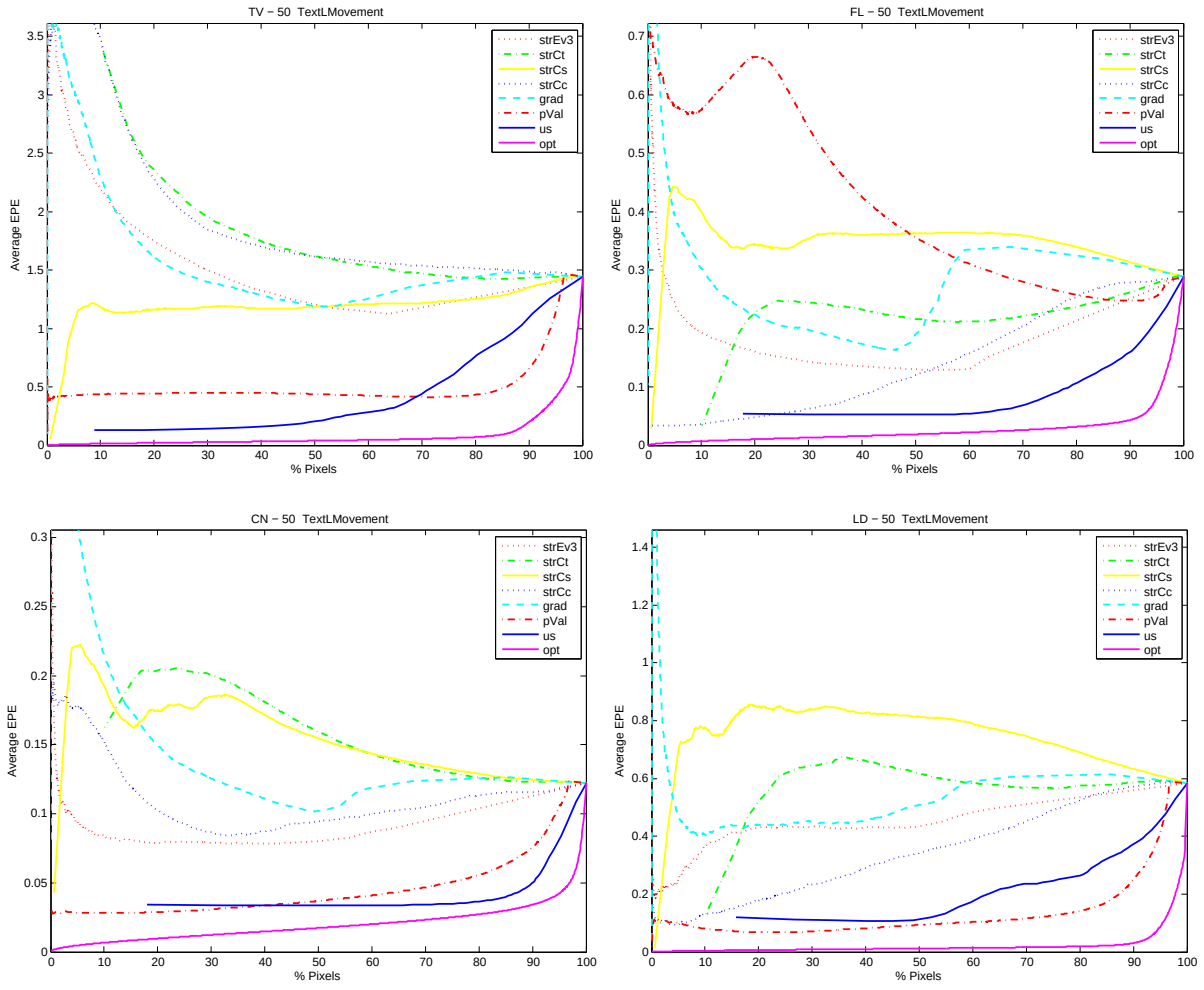

Fig. 25: 50 TextLMovement

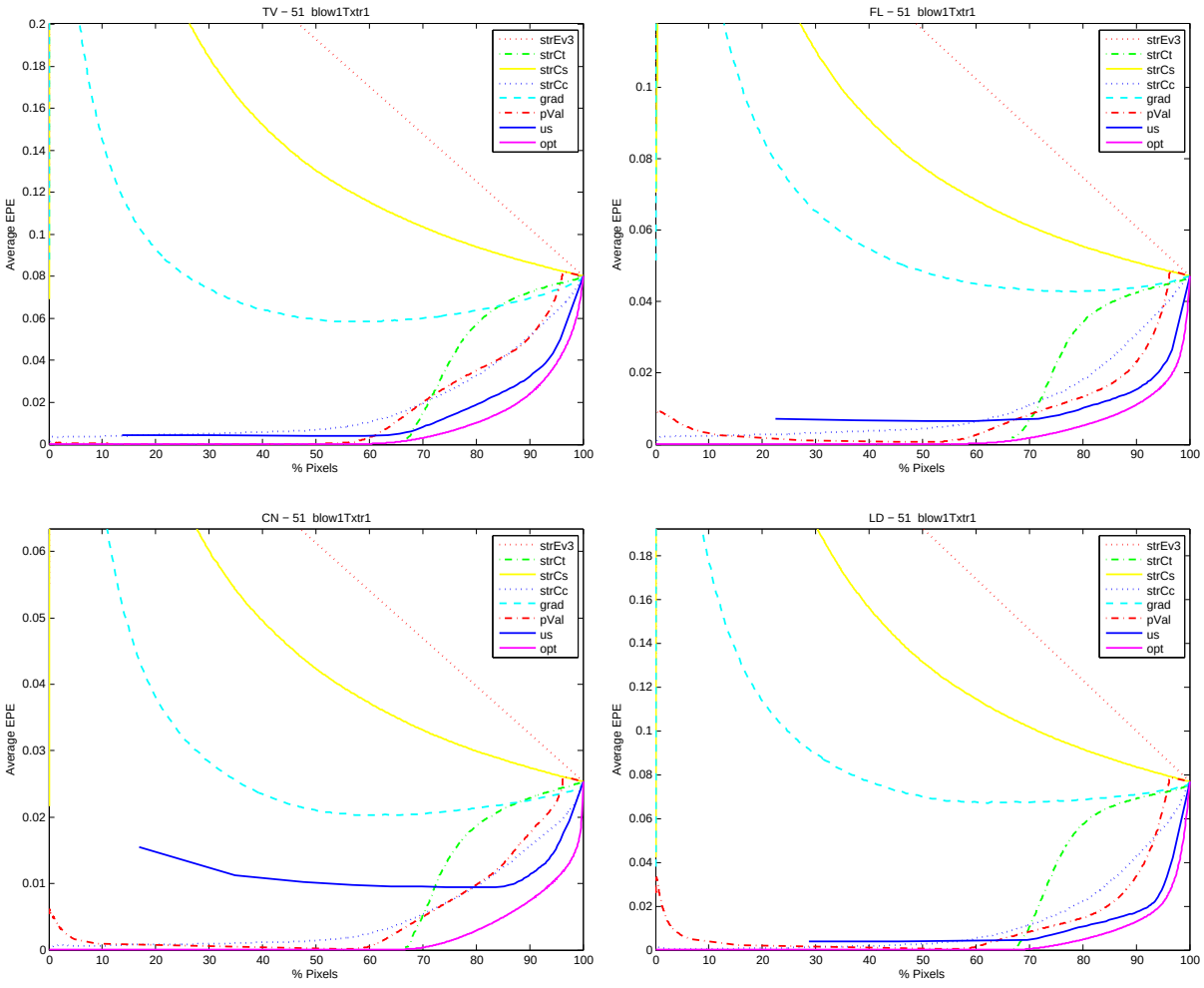

Fig. 26: 51 blow1Txtr1

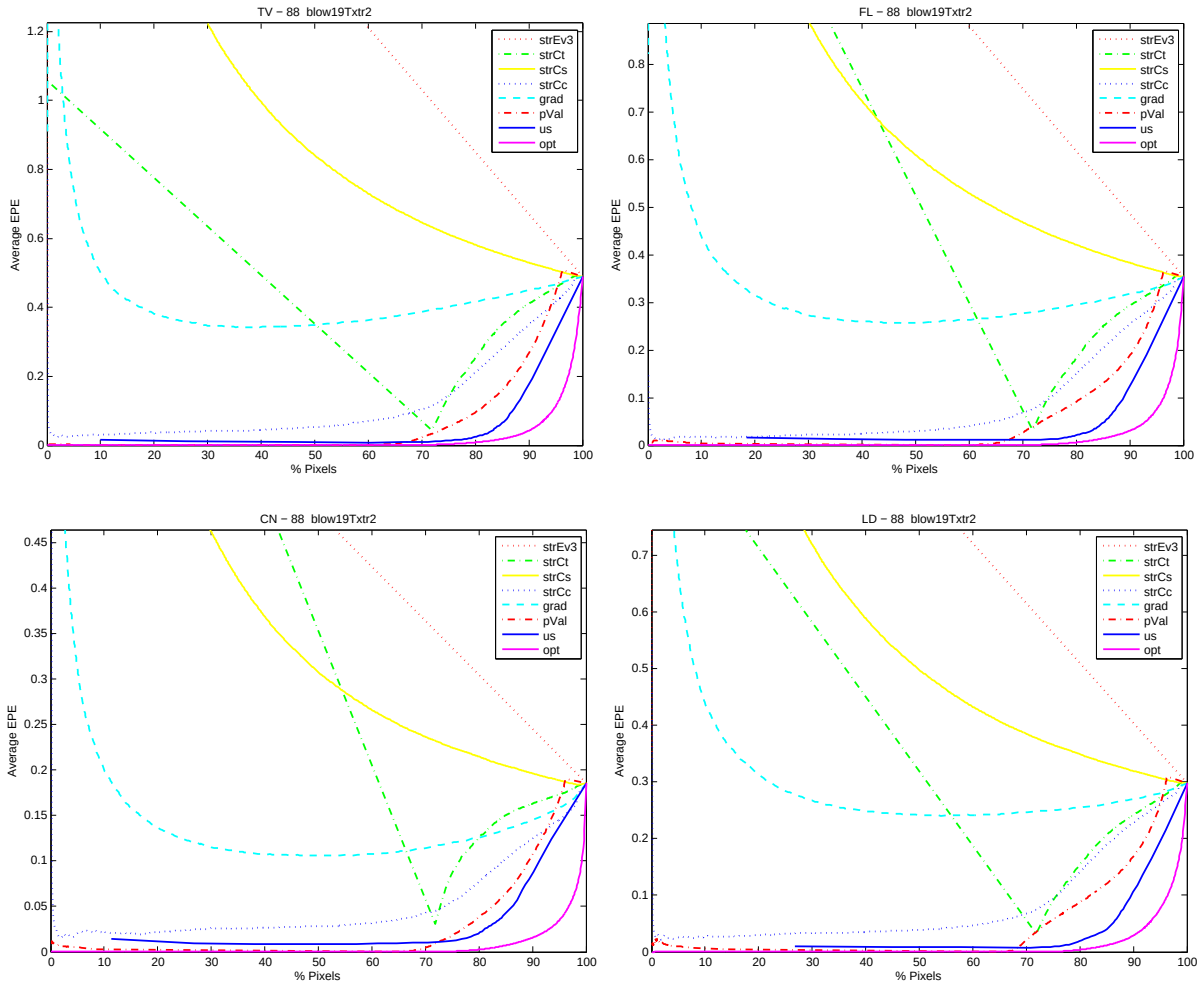

Fig. 27: 88 blow19Txtr2

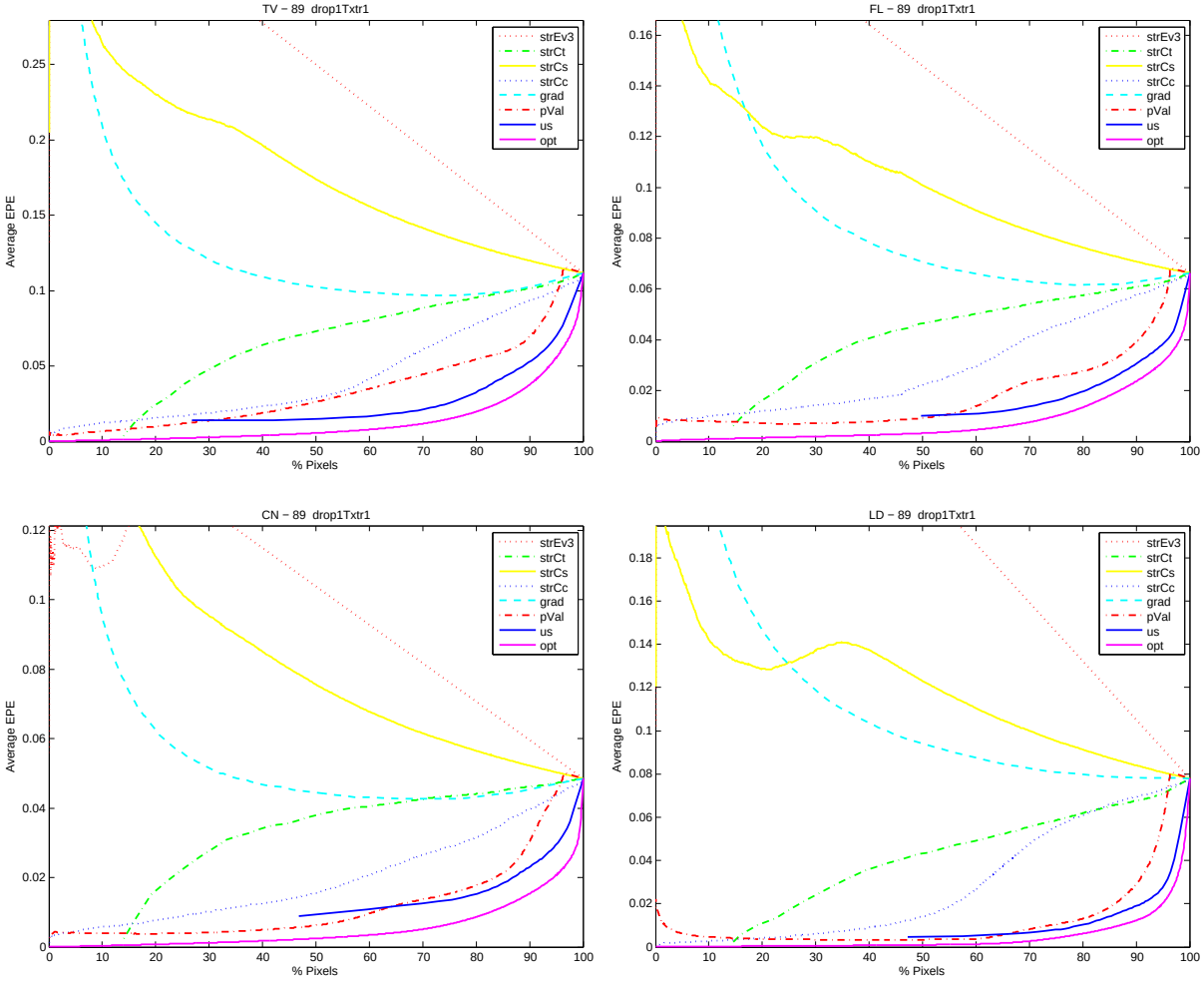

Fig. 28: 89 drop1Txtr1

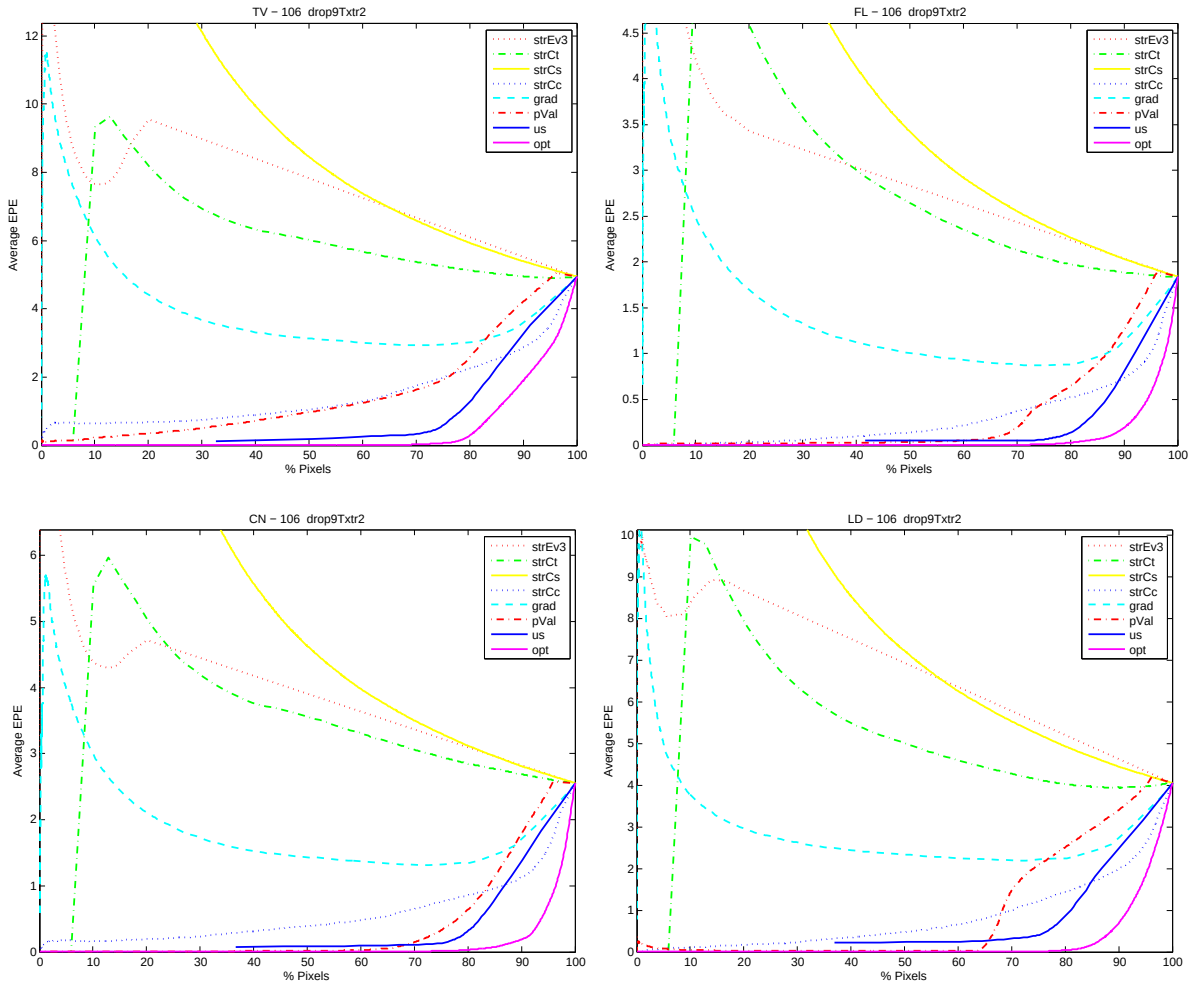

Fig. 29: 106 drop9Txtr2

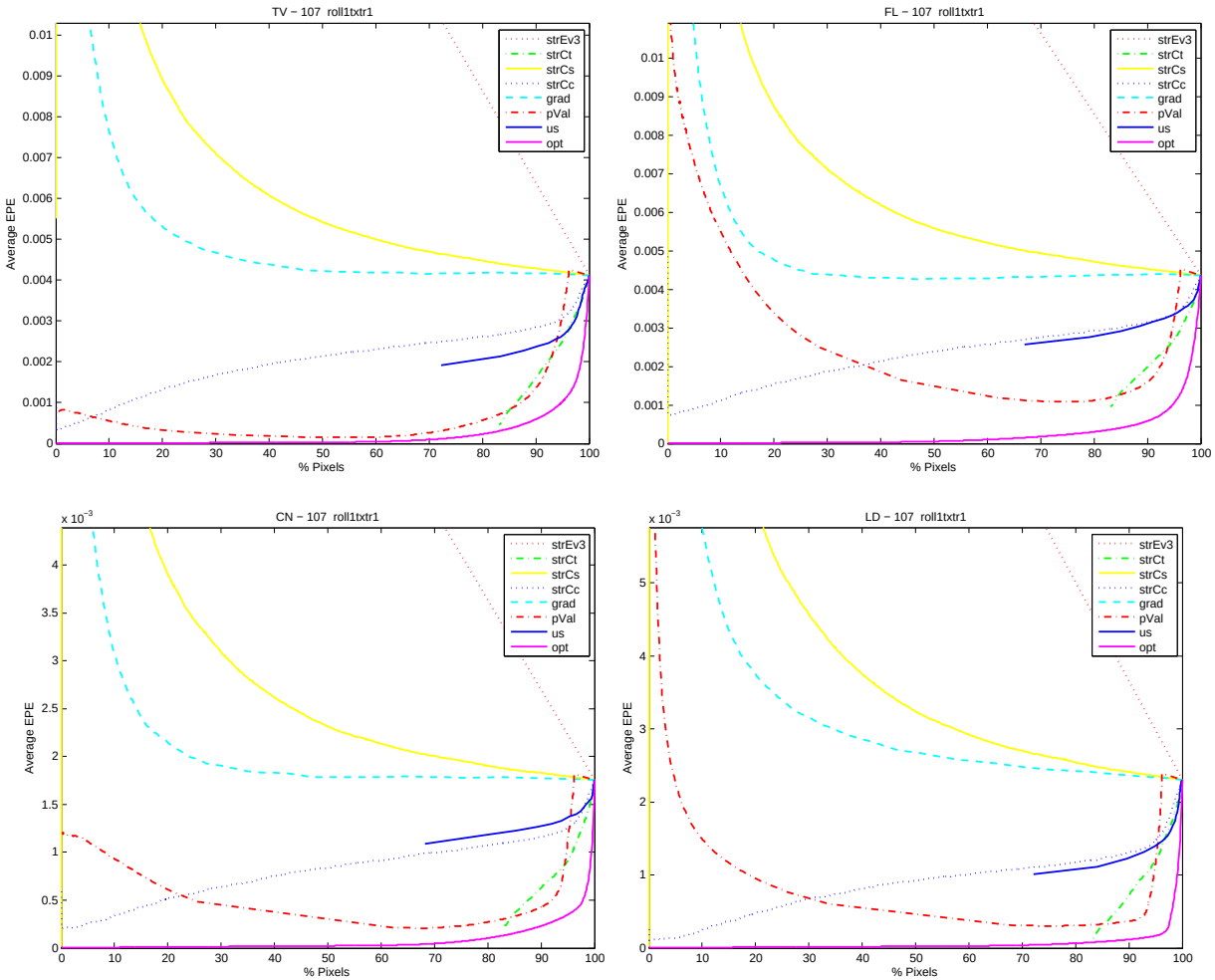

Fig. 30: 107 roll1txtr1

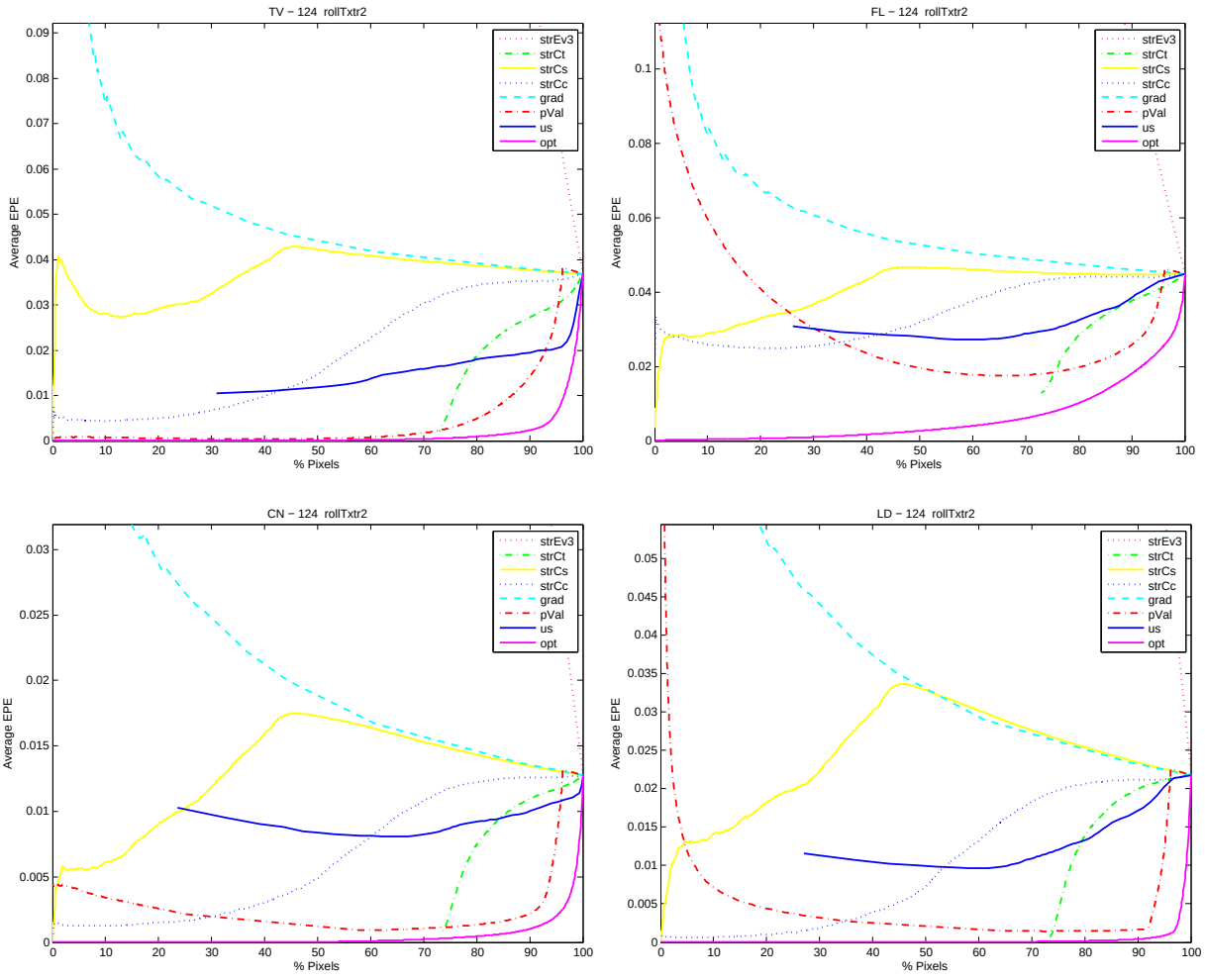

Fig. 31: 124 rollTxtr2

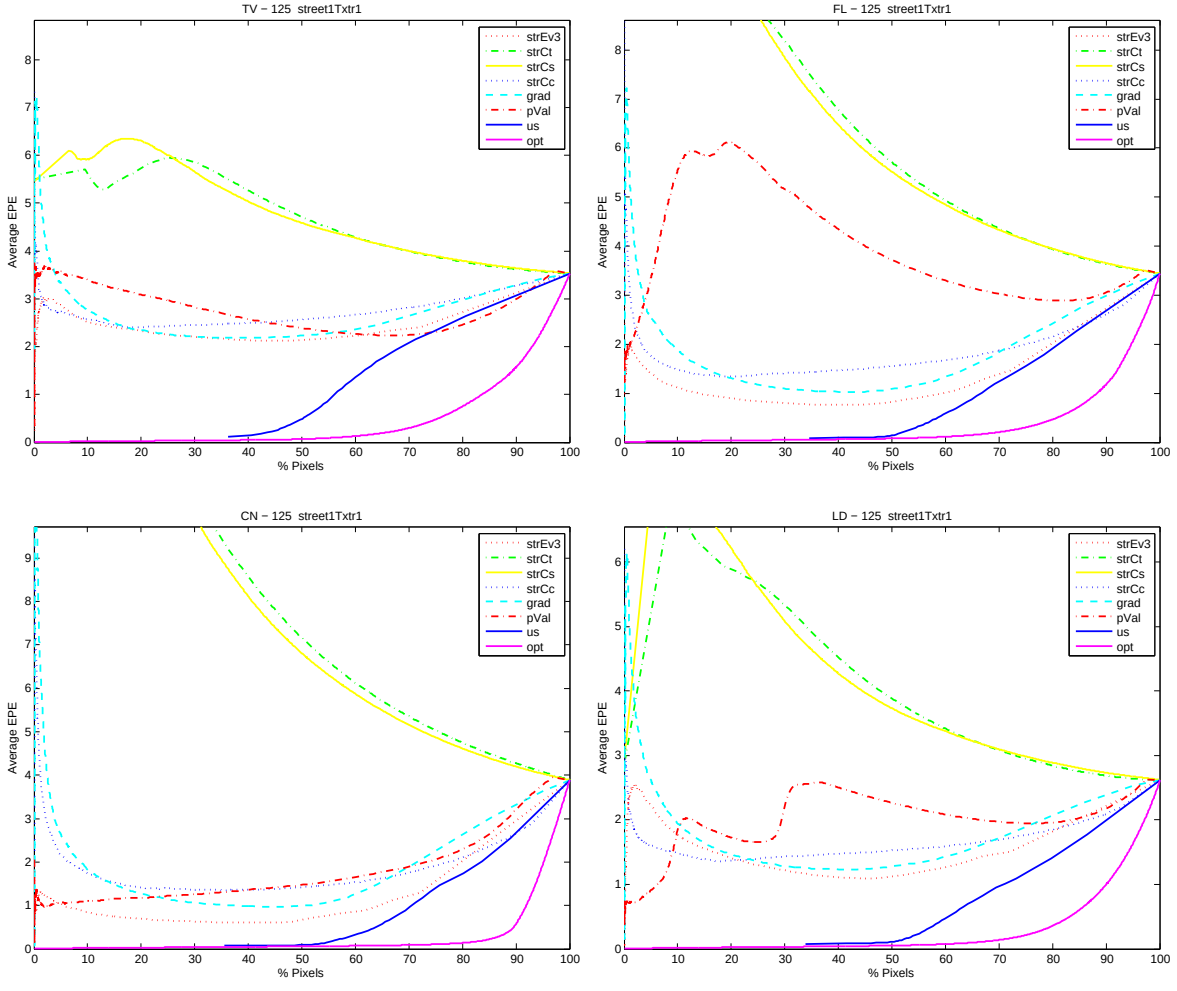

Fig. 32: 125 street1Txtr1