

Supplementary Material 2/2

Learning a Confidence Measure for Optical Flow

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Abstract—In this supplementary material we illustrate our confidence measure at different values of ϵ_{epe}^s for four algorithms across 32 scenes. Each figure includes the first input image of the pair, the combined confidence graph and an ROC plot. We also plot ‘Ours Confd’ which is a combination of each of the different confidence plots, taking the most confident at each pixel.



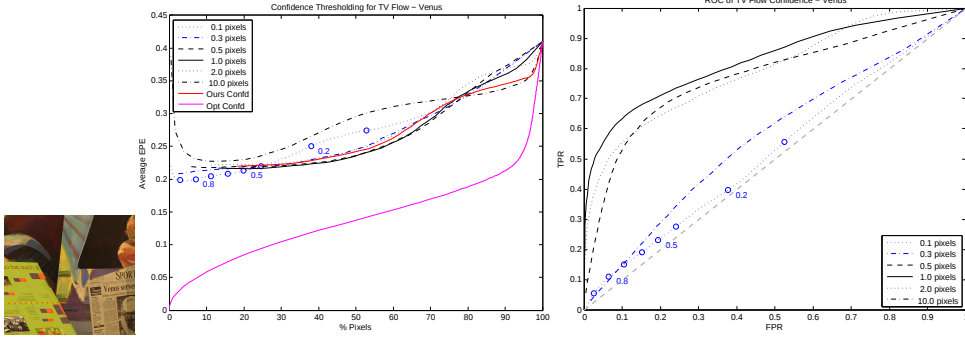


Fig. 1: TV 1 Venus

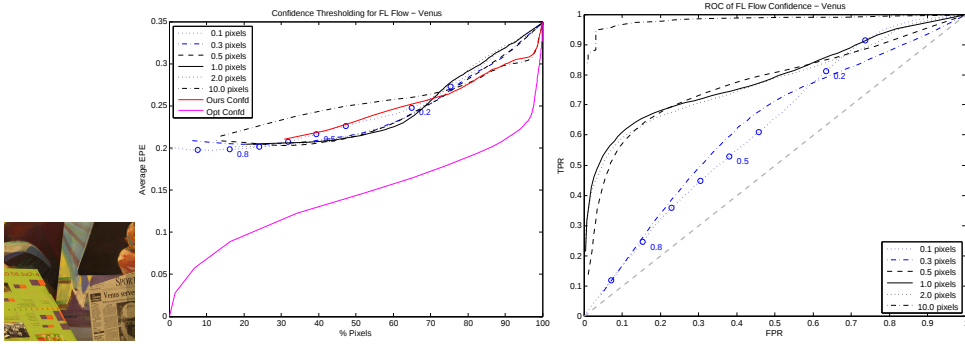


Fig. 2: FL 1 Venus

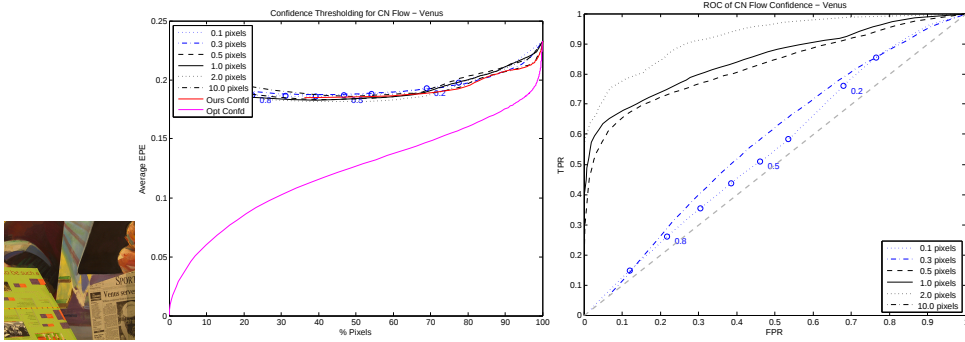


Fig. 3: CN 1 Venus

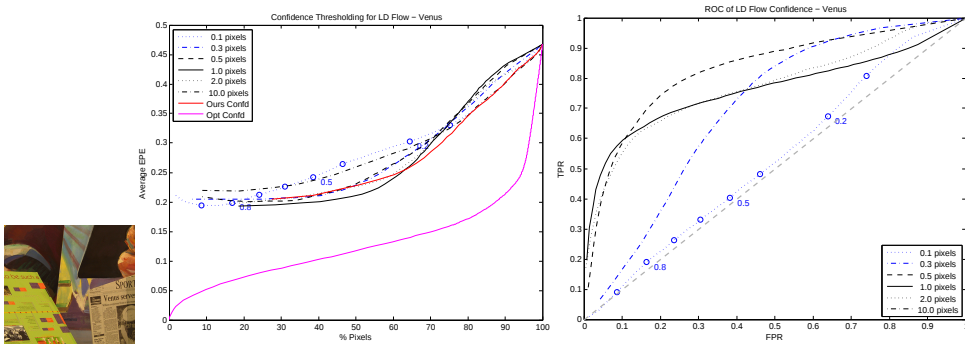


Fig. 4: LD 1 Venus

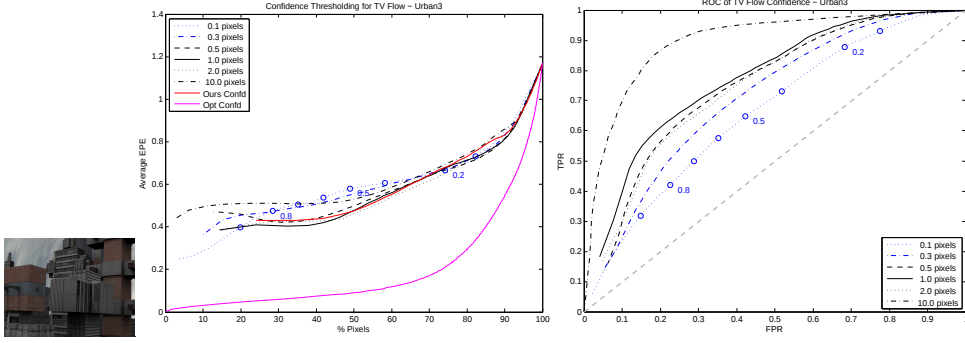


Fig. 5: TV 2 Urban3

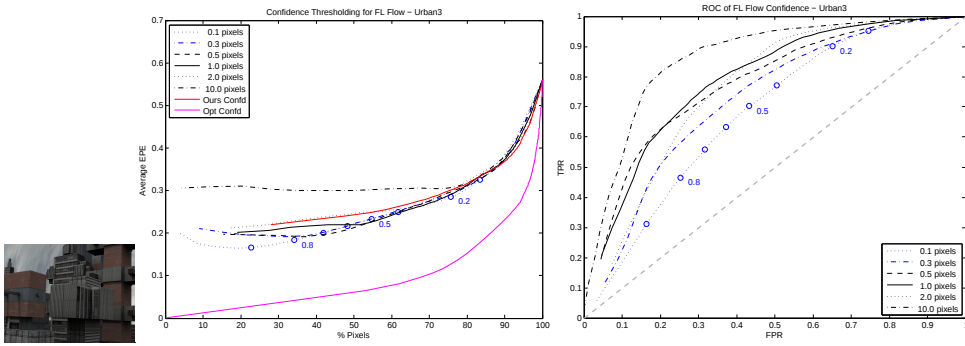


Fig. 6: FL 2 Urban3

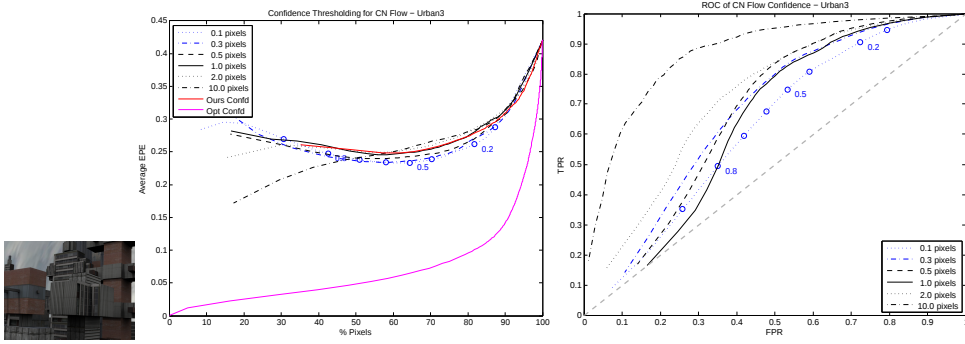


Fig. 7: CN 2 Urban3

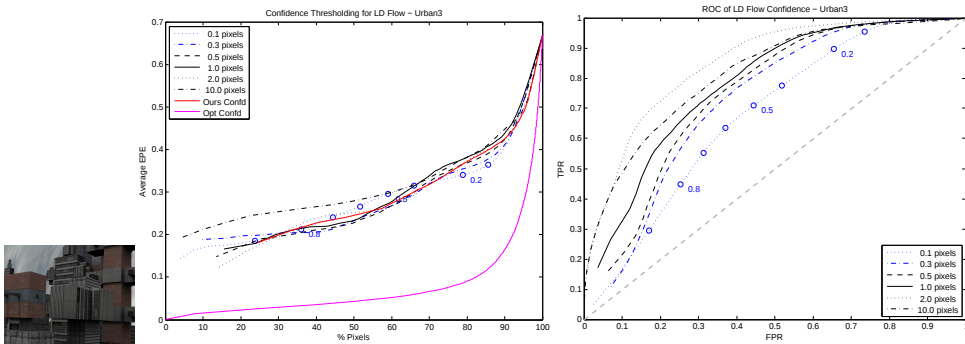


Fig. 8: LD 2 Urban3

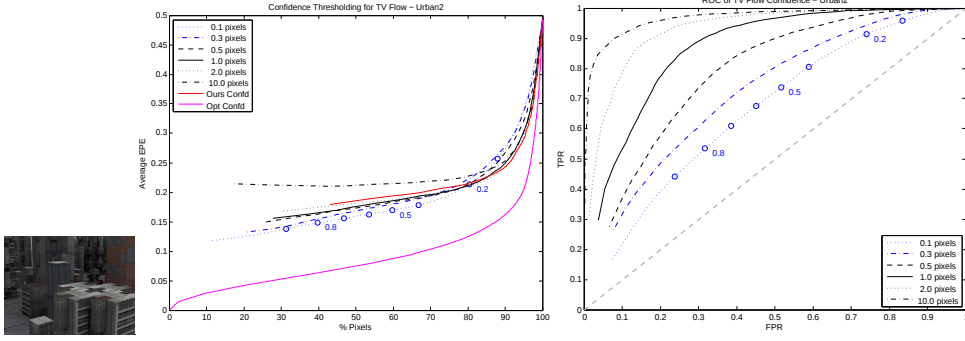


Fig. 9: TV 3 Urban2

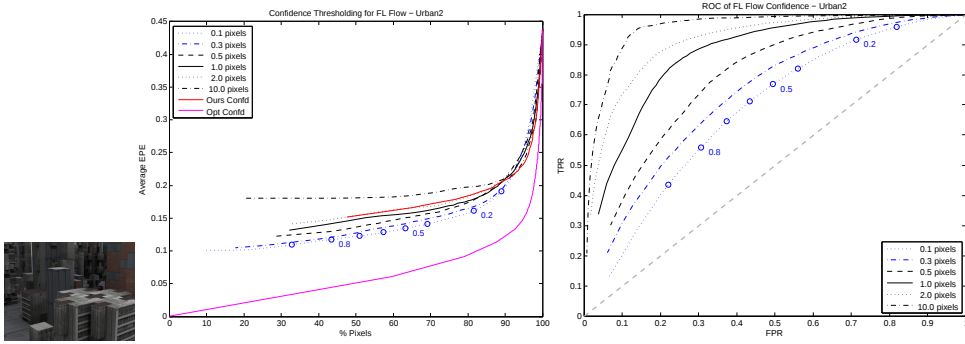


Fig. 10: FL 3 Urban2

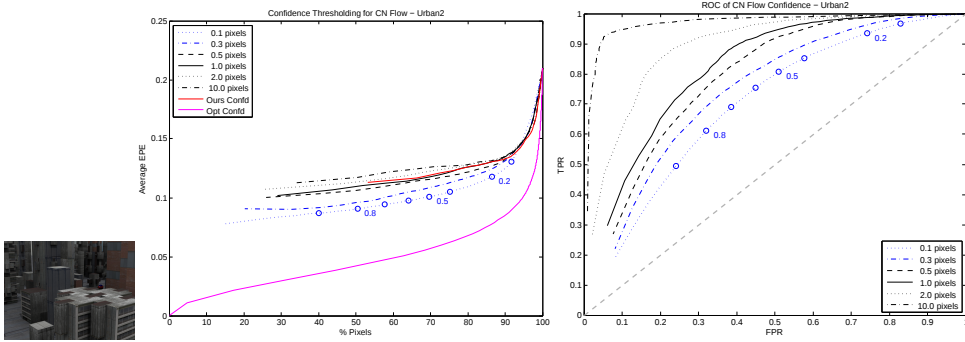


Fig. 11: CN 3 Urban2

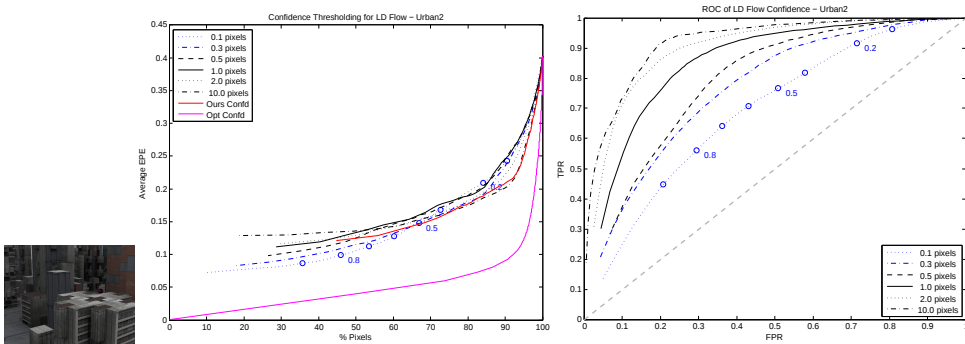


Fig. 12: LD 3 Urban2

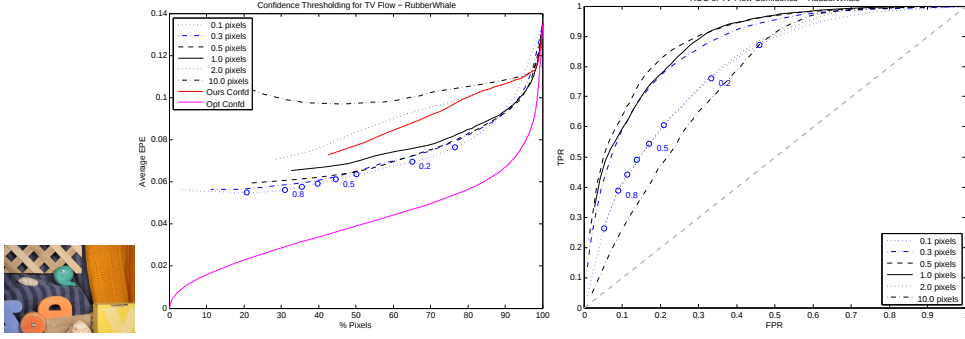


Fig. 13: TV 4 RubberWhale

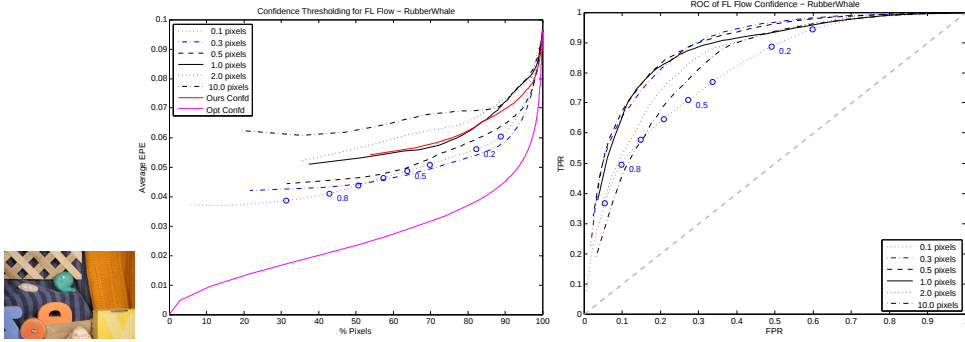


Fig. 14: FL 4 RubberWhale

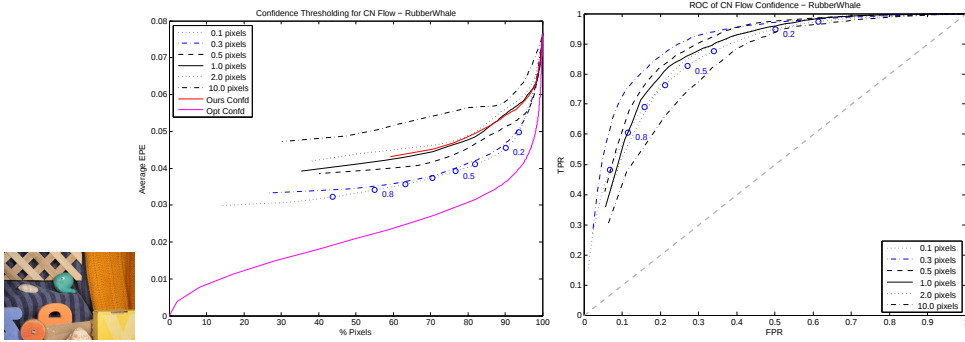


Fig. 15: CN 4 RubberWhale

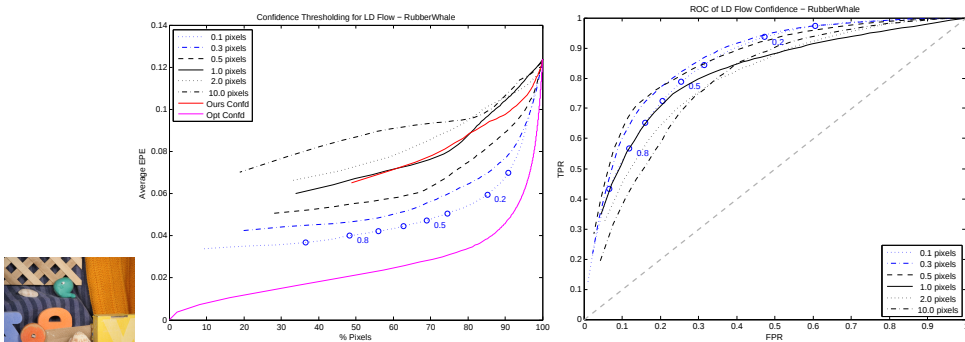


Fig. 16: LD 4 RubberWhale

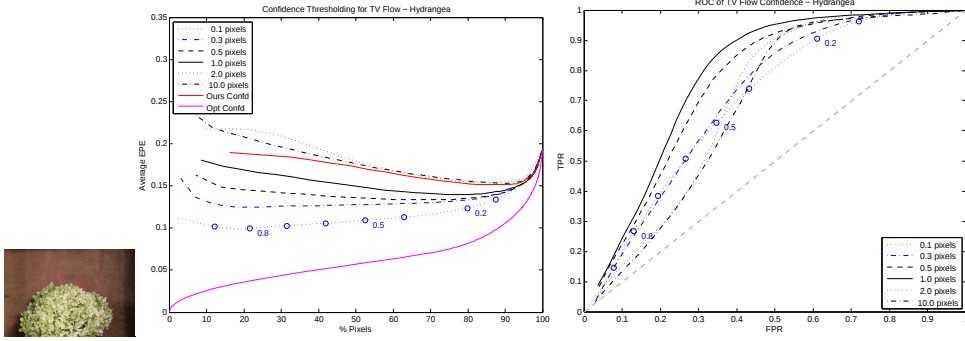


Fig. 17: TV 5 Hydrangea

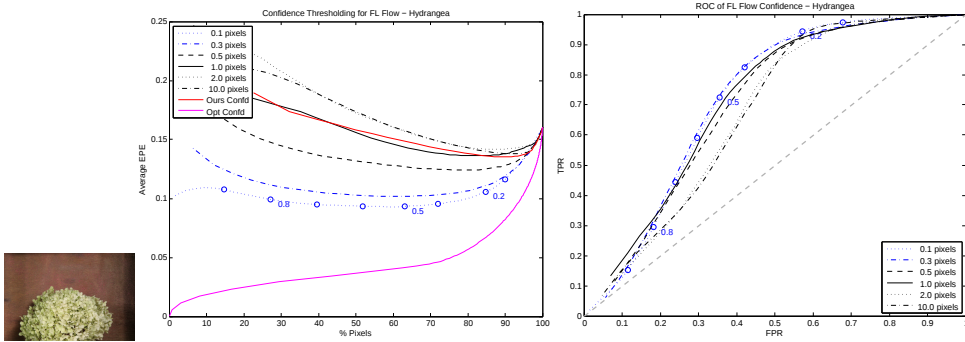


Fig. 18: FL 5 Hydrangea

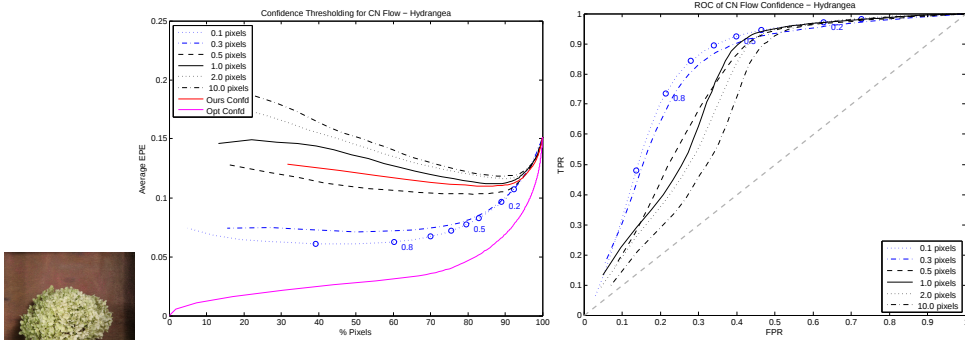


Fig. 19: CN 5 Hydrangea

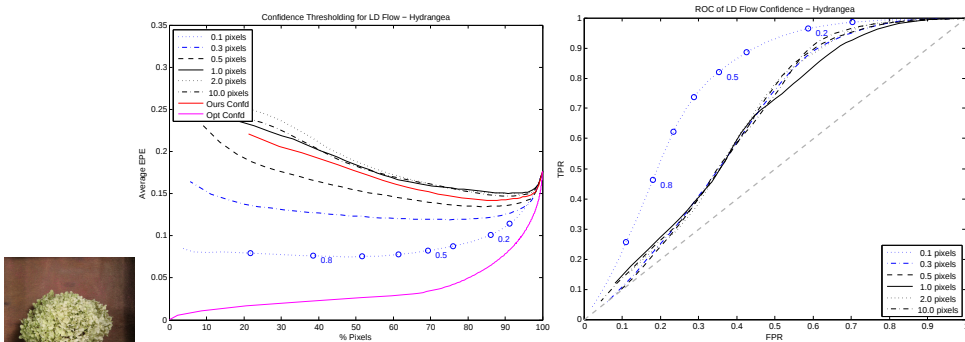


Fig. 20: LD 5 Hydrangea

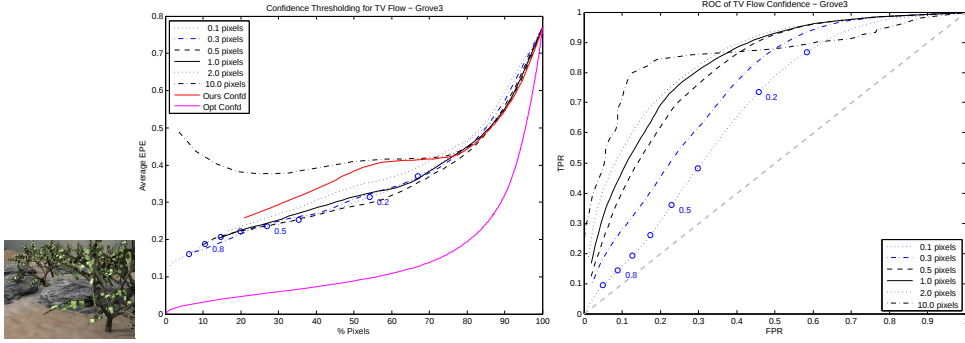


Fig. 21: TV 6 Grove3

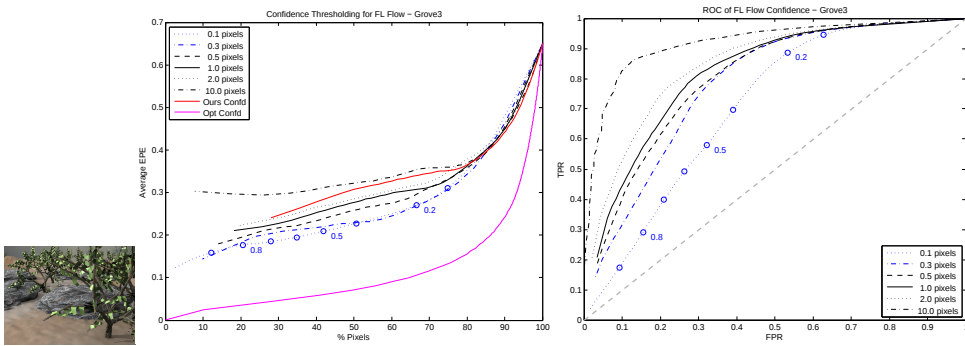


Fig. 22: FL 6 Grove3

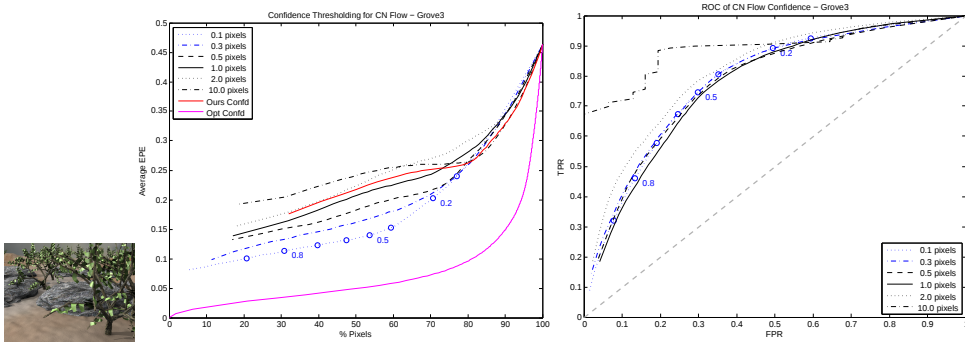


Fig. 23: CN 6 Grove3

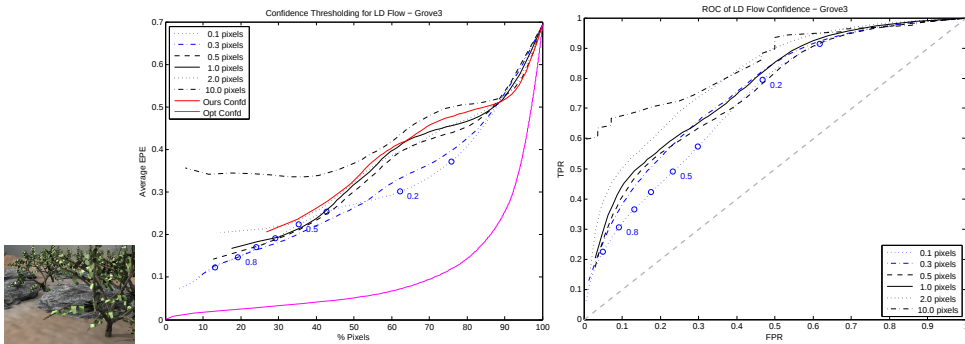


Fig. 24: LD 6 Grove3

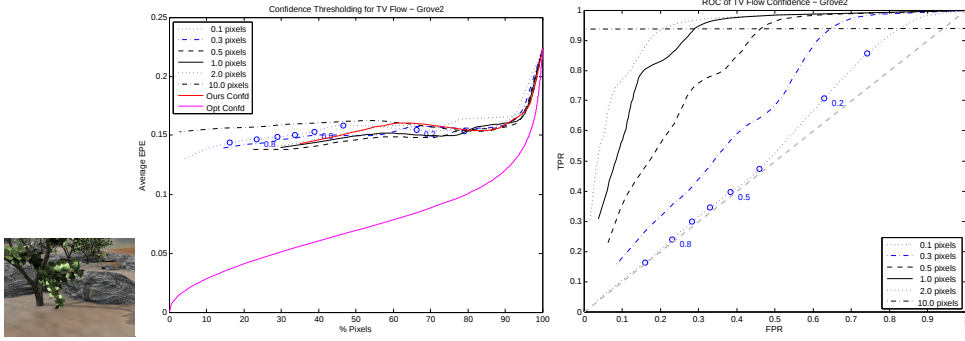


Fig. 25: TV 7 Grove2

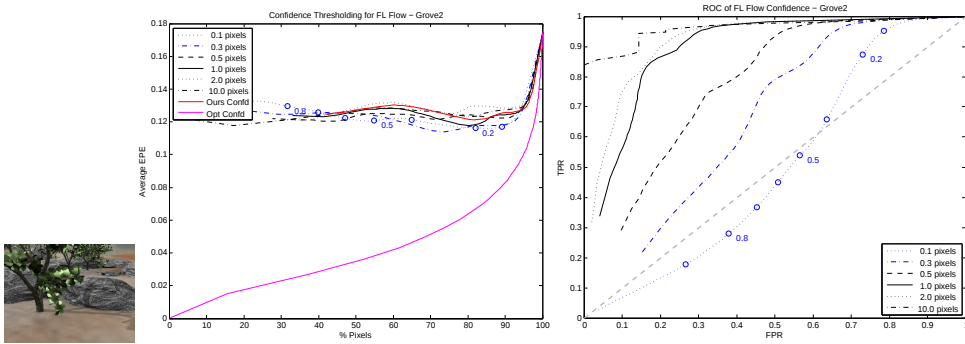


Fig. 26: FL 7 Grove2

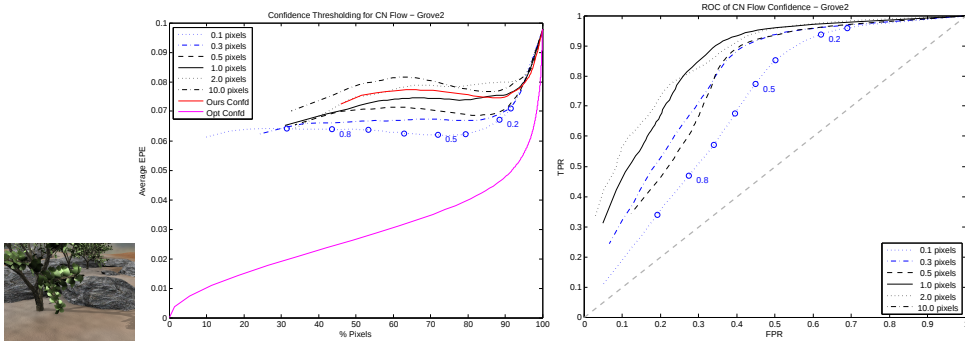


Fig. 27: CN 7 Grove2

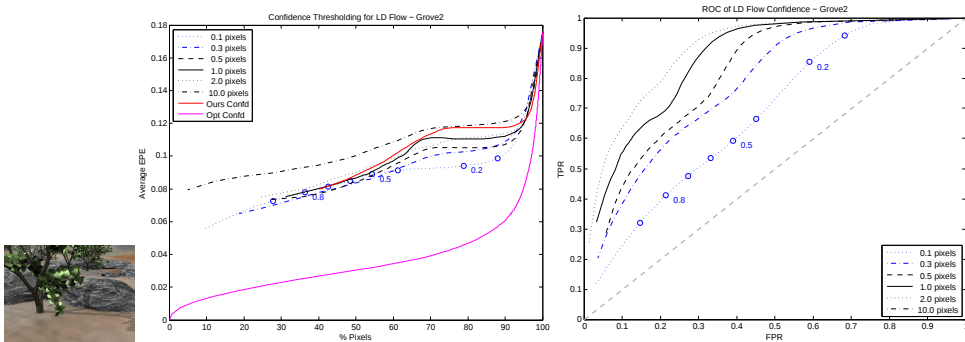


Fig. 28: LD 7 Grove2

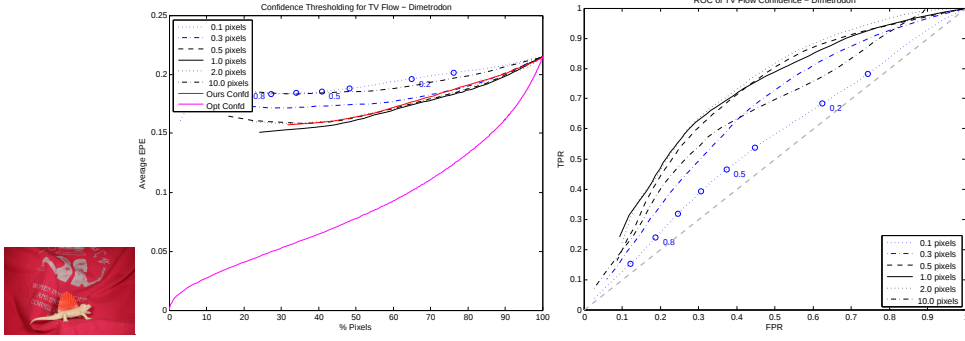


Fig. 29: TV 8 Dimetrodon

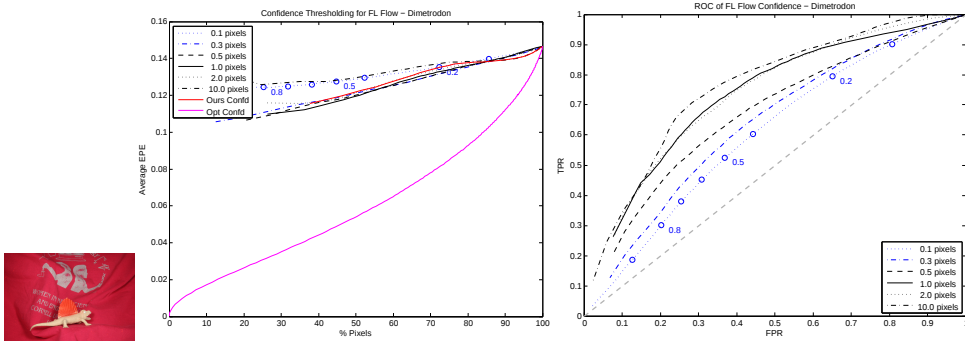


Fig. 30: FL 8 Dimetrodon

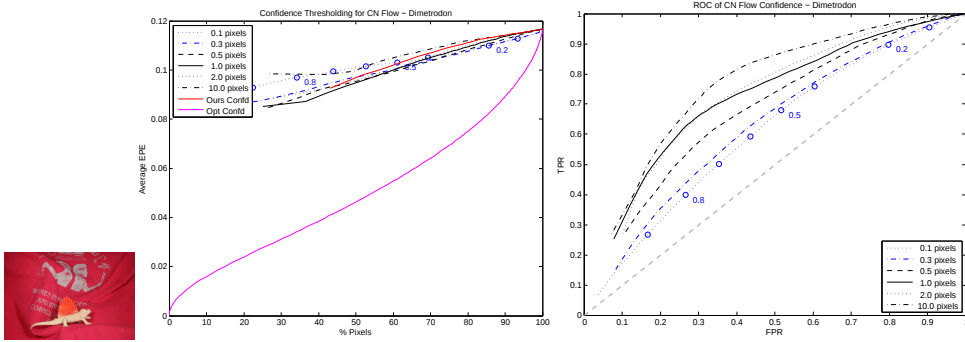


Fig. 31: CN 8 Dimetrodon

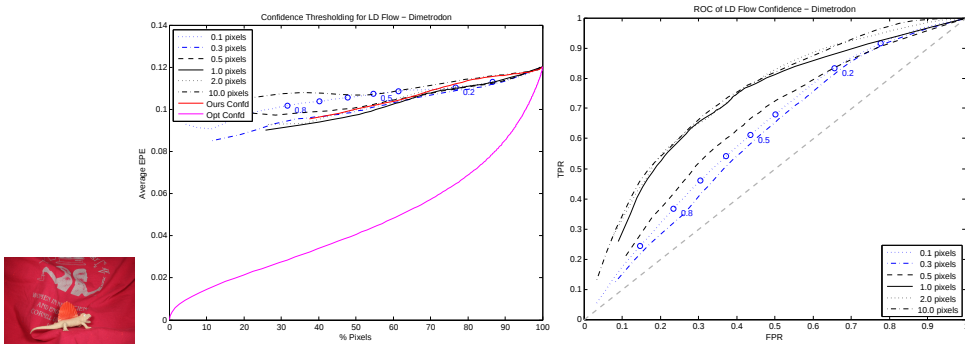


Fig. 32: LD 8 Dimetrodon

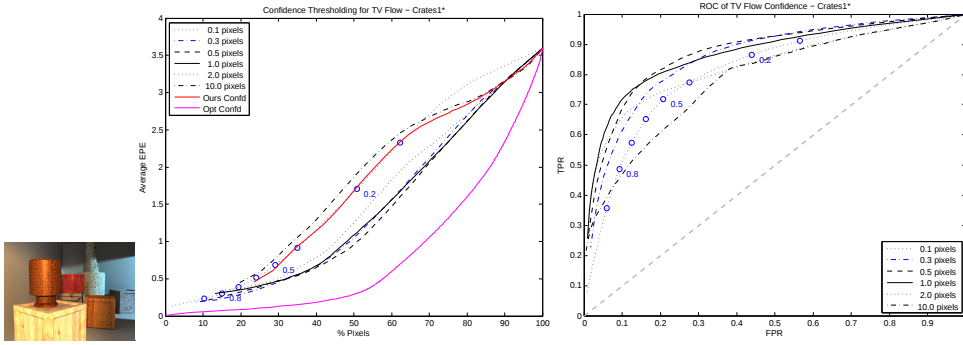


Fig. 33: TV 9 Crates1

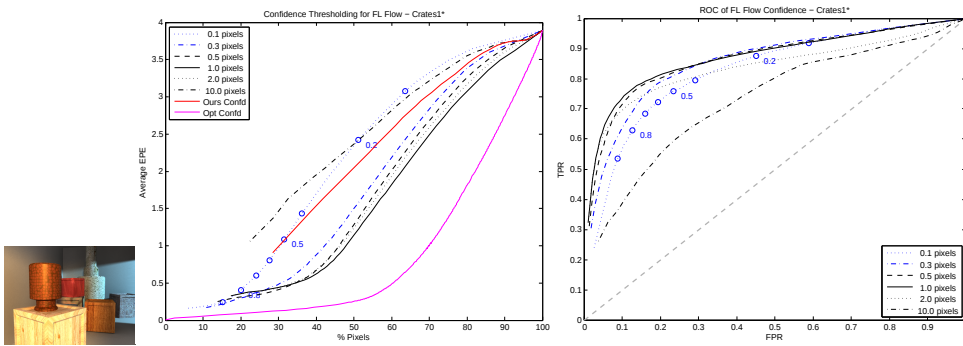


Fig. 34: FL 9 Crates1

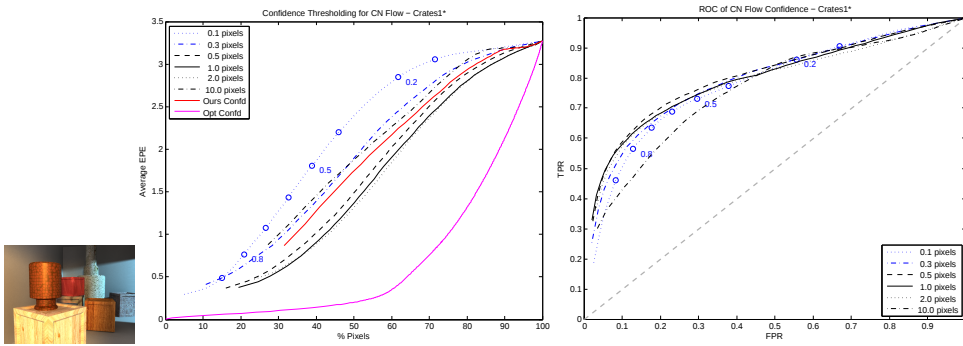


Fig. 35: CN 9 Crates1

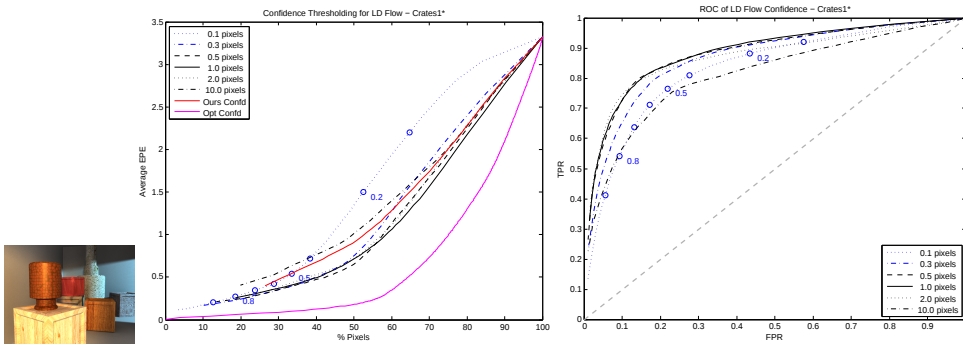


Fig. 36: LD 9 Crates1

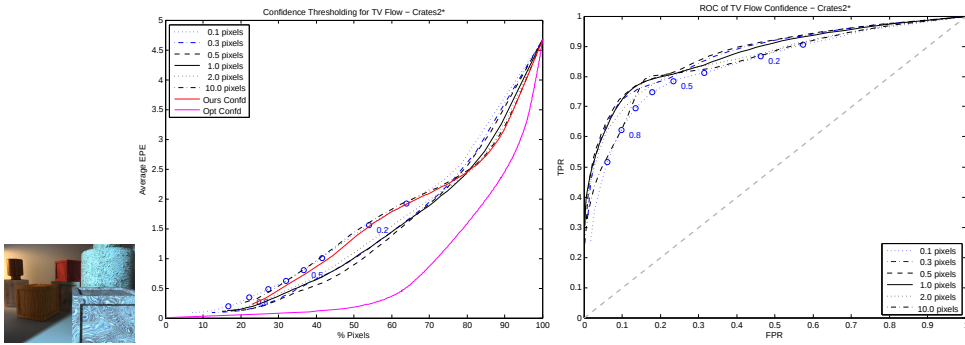


Fig. 37: TV 10 Crates2

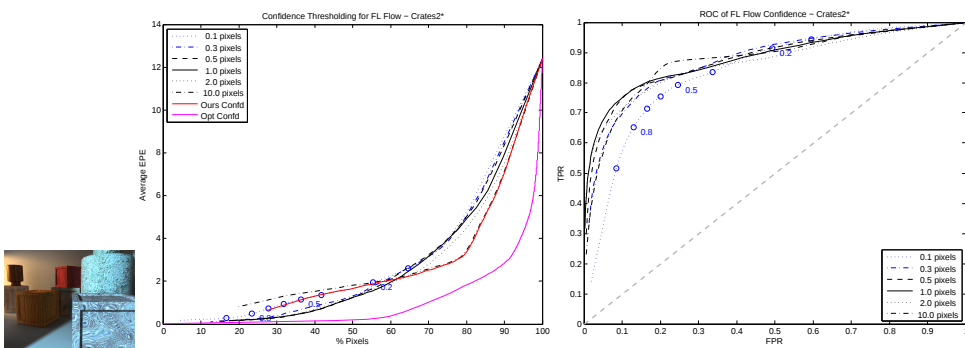


Fig. 38: FL 10 Crates2

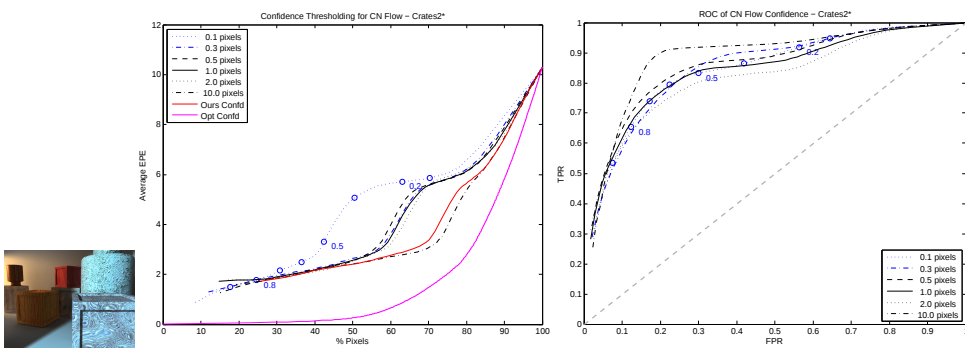


Fig. 39: CN 10 Crates2

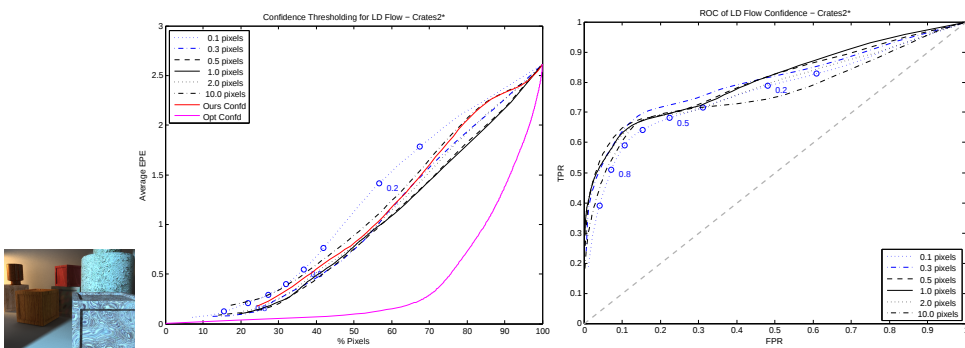


Fig. 40: LD 10 Crates2

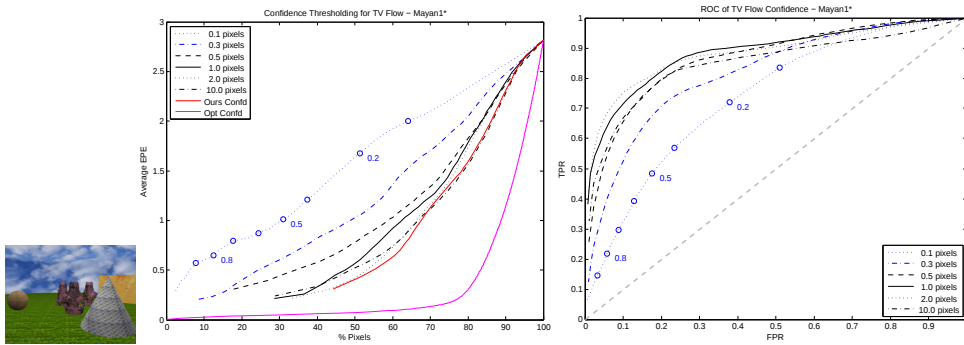


Fig. 41: TV 13 Mayan1

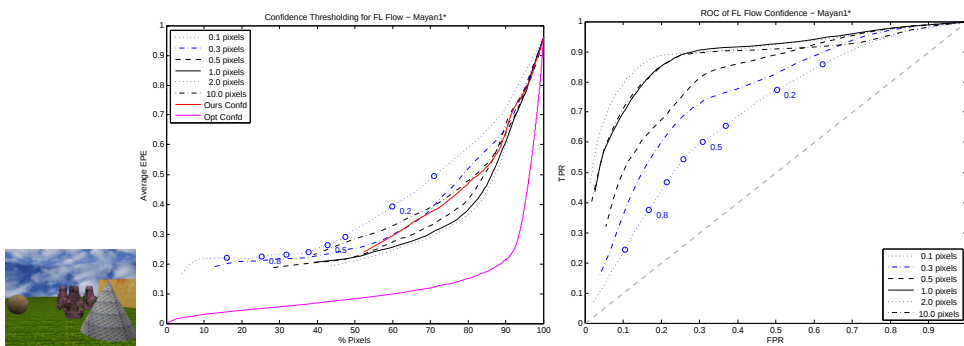


Fig. 42: FL 13 Mayan1

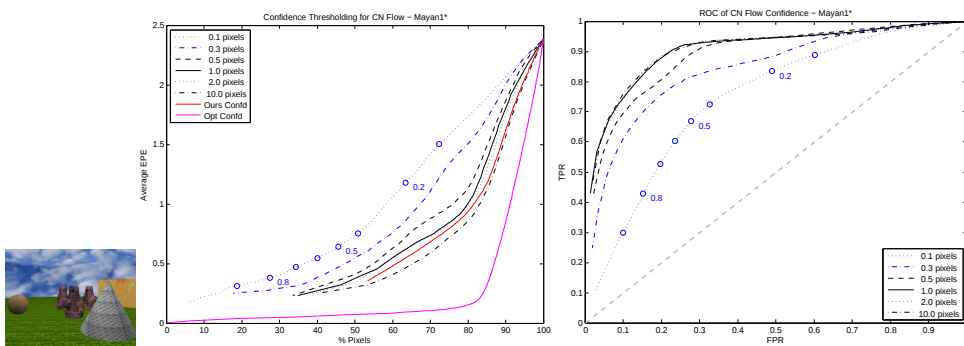


Fig. 43: CN 13 Mayan1

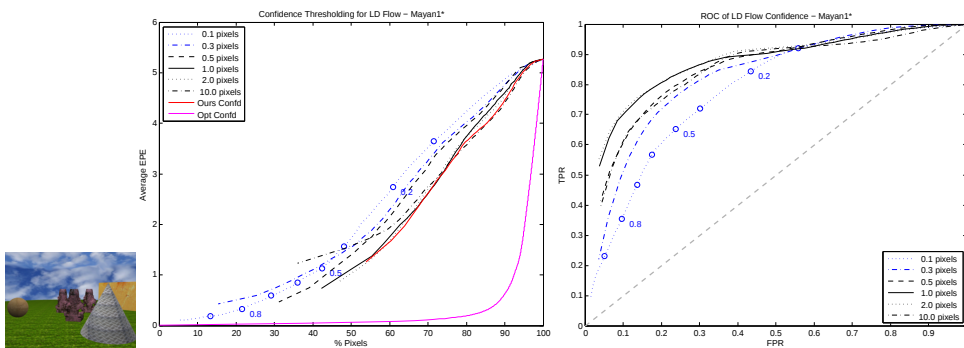


Fig. 44: LD 13 Mayan1

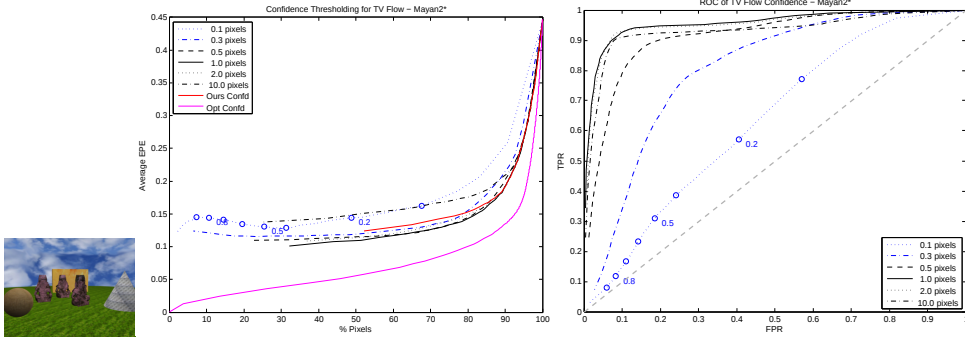


Fig. 45: TV 14 Mayan2

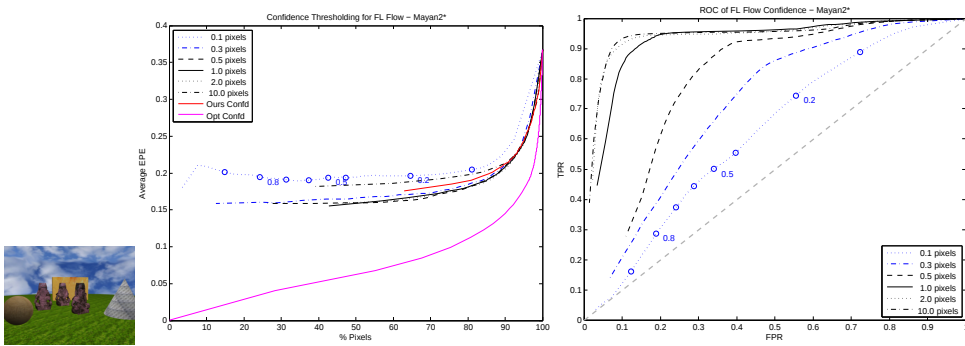


Fig. 46: FL 14 Mayan2

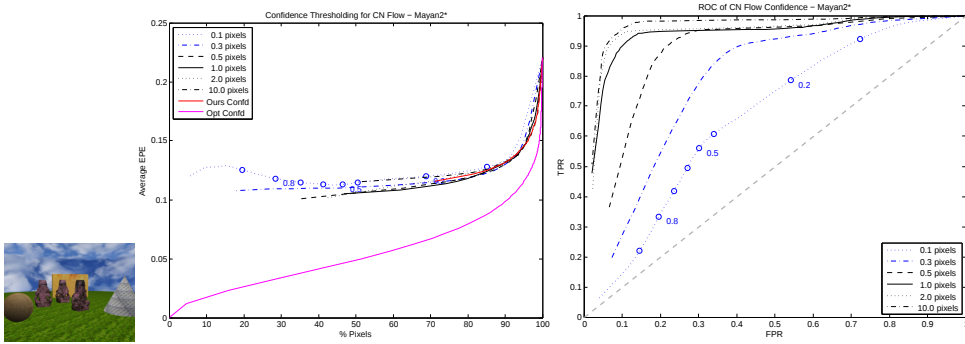


Fig. 47: CN 14 Mayan2

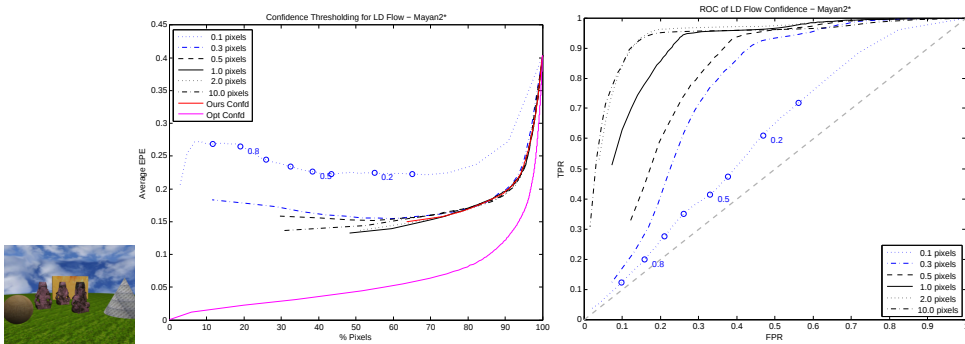


Fig. 48: LD 14 Mayan2

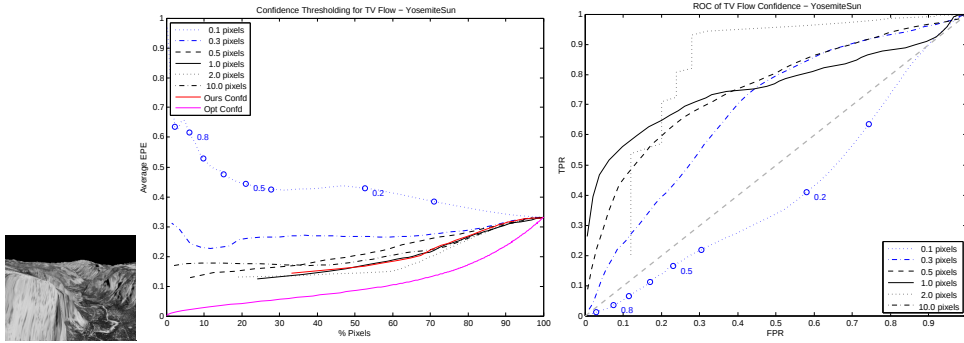


Fig. 49: TV 15 YosemiteSun

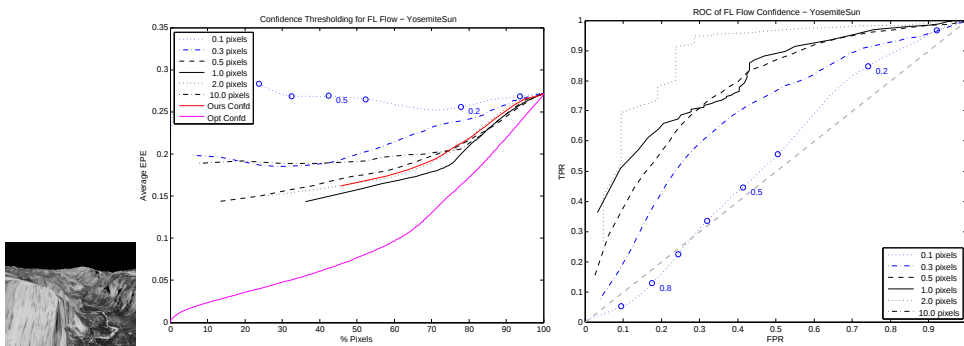


Fig. 50: FL 15 YosemiteSun

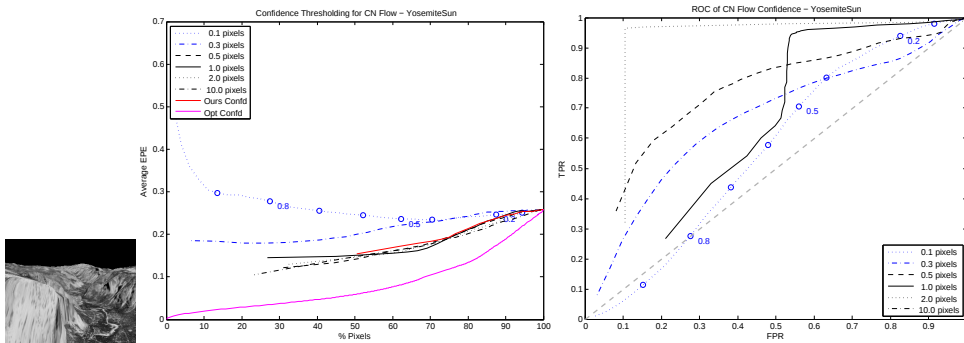


Fig. 51: CN 15 YosemiteSun

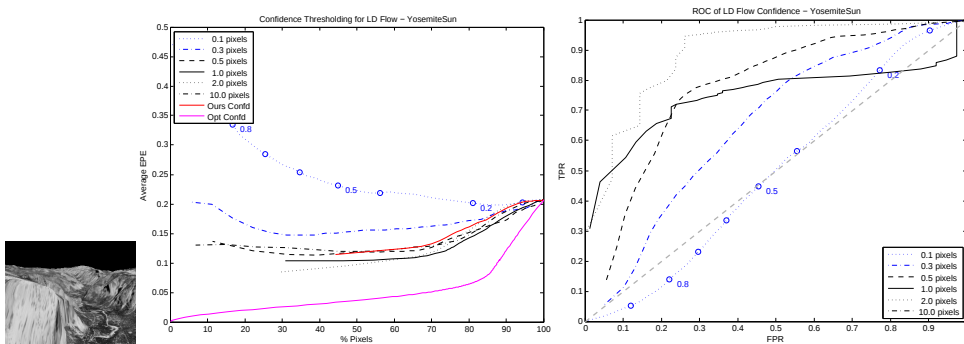


Fig. 52: LD 15 YosemiteSun

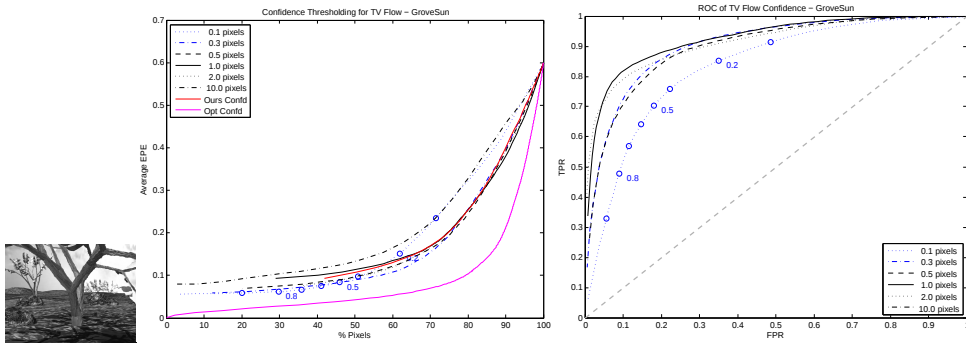


Fig. 53: TV 16 GroveSun

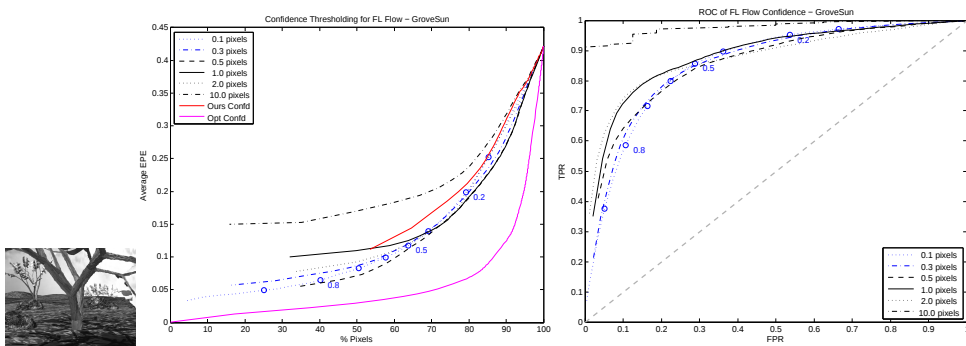


Fig. 54: FL 16 GroveSun

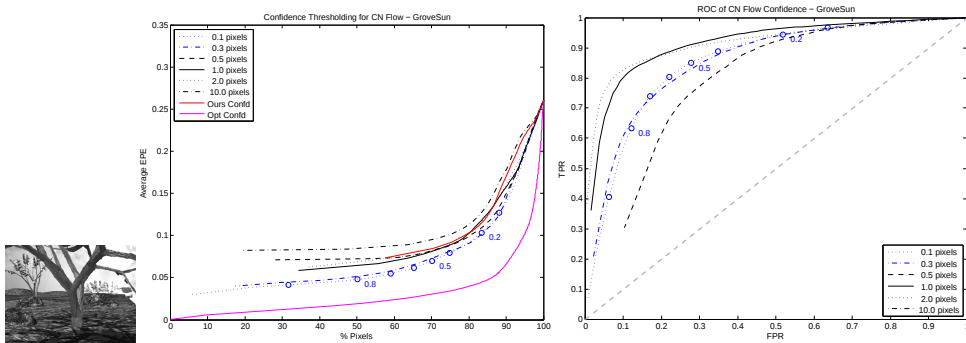


Fig. 55: CN 16 GroveSun

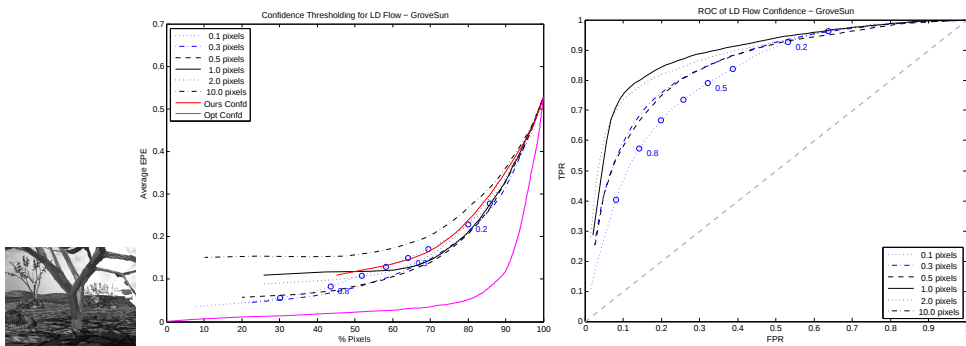


Fig. 56: LD 16 GroveSun

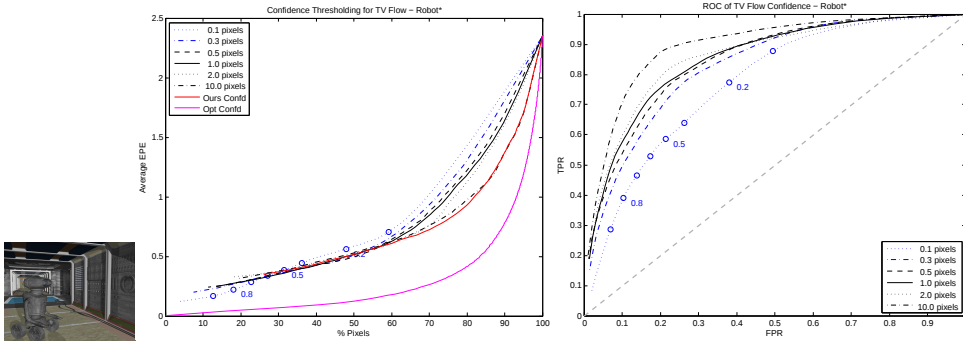


Fig. 57: TV 17 Robot

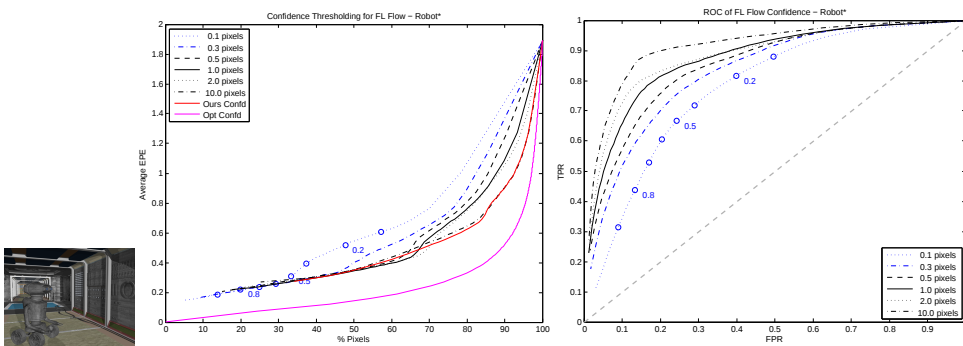


Fig. 58: FL 17 Robot

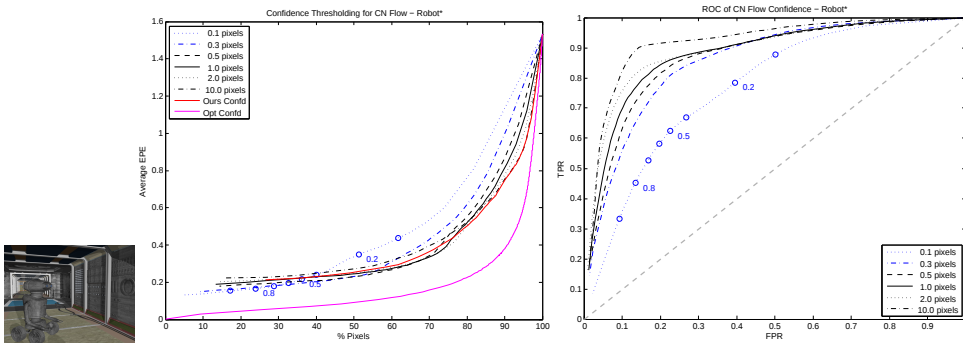


Fig. 59: CN 17 Robot

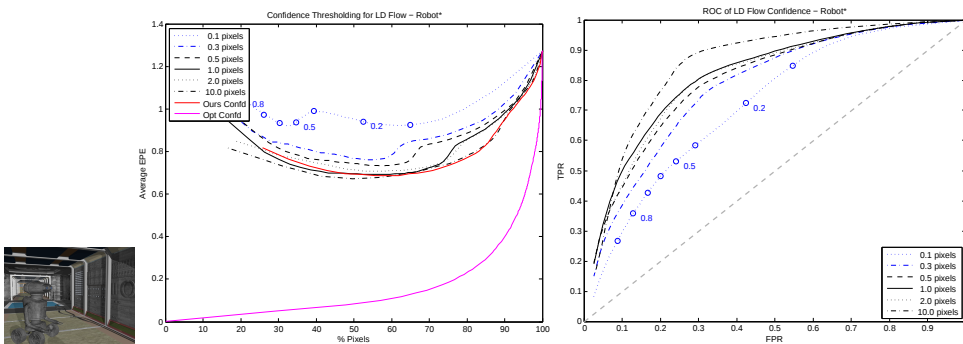


Fig. 60: LD 17 Robot

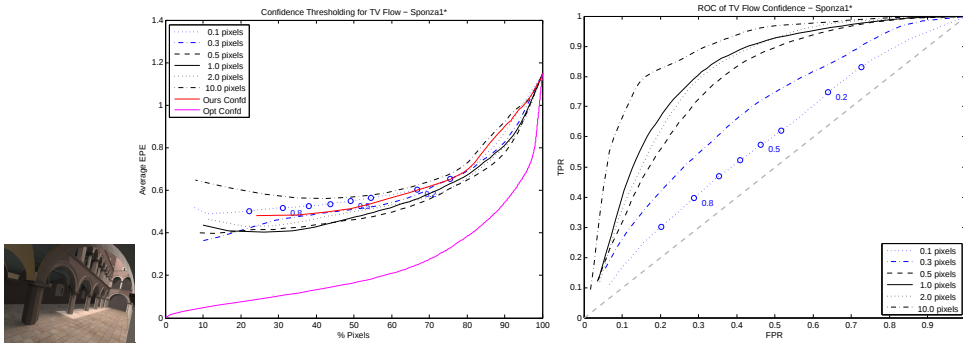


Fig. 61: TV 18 Sponza1

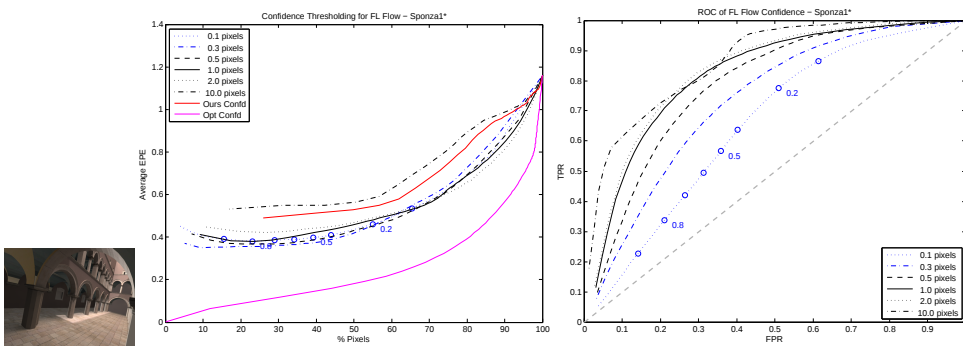


Fig. 62: FL 18 Sponza1

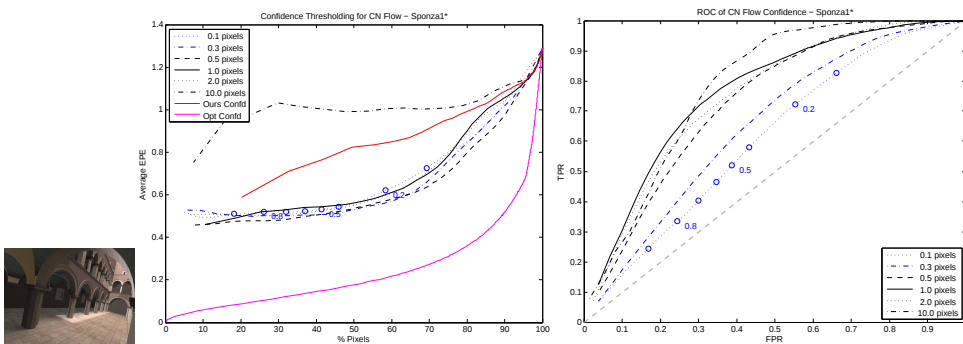


Fig. 63: CN 18 Sponza1

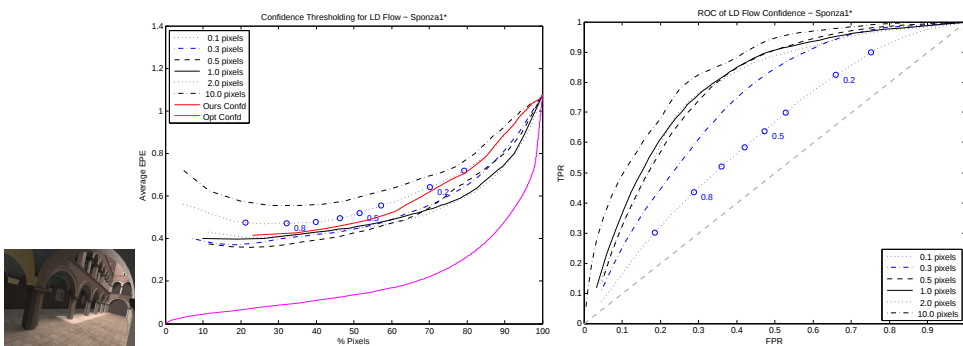


Fig. 64: LD 18 Sponza1

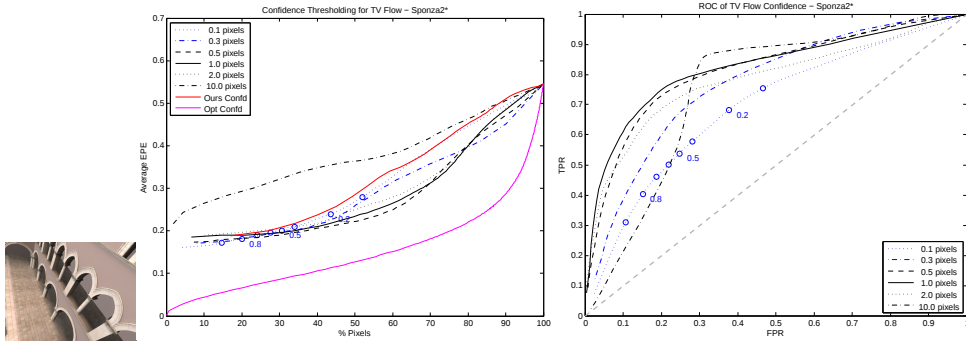


Fig. 65: TV 19 Sponza2

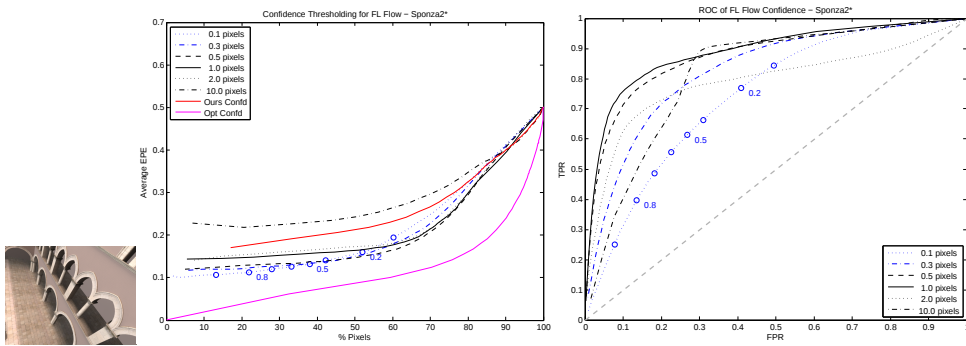


Fig. 66: FL 19 Sponza2

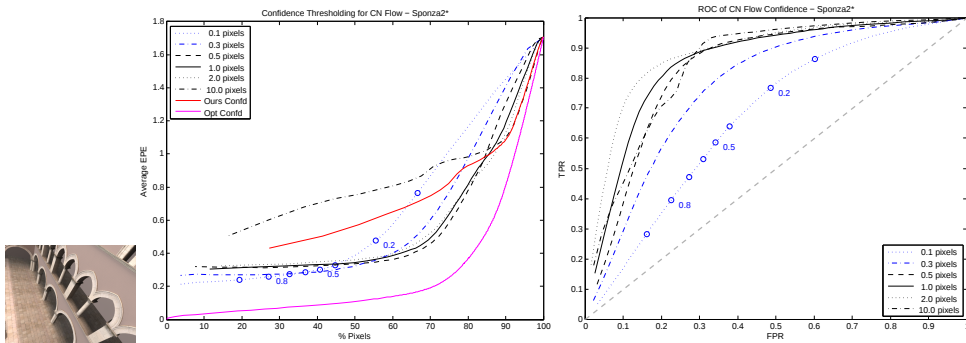


Fig. 67: CN 19 Sponza2

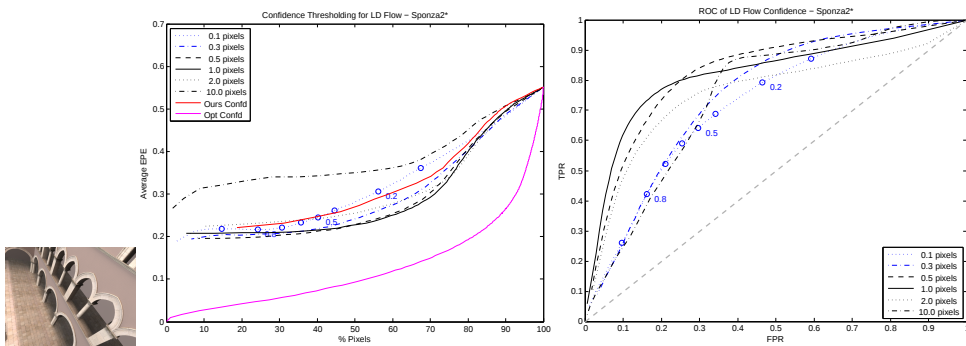


Fig. 68: LD 19 Sponza2

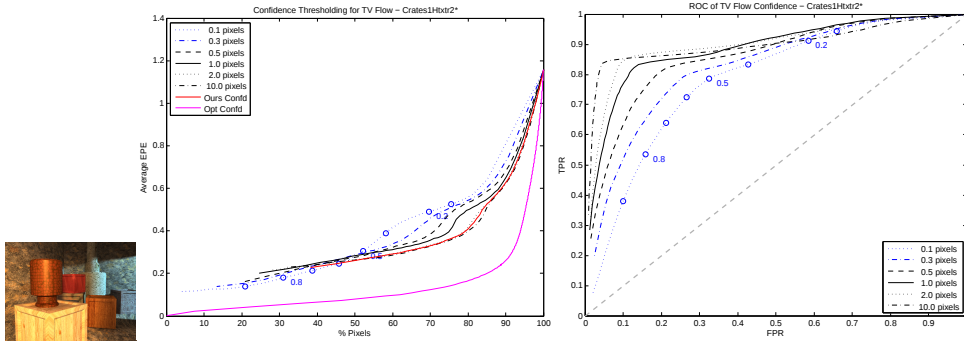


Fig. 69: TV 22 Crates1Htxtr2

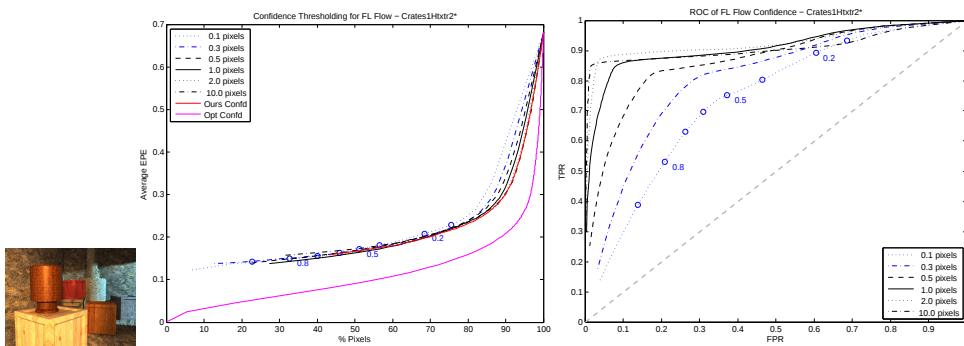


Fig. 70: FL 22 Crates1Htxtr2

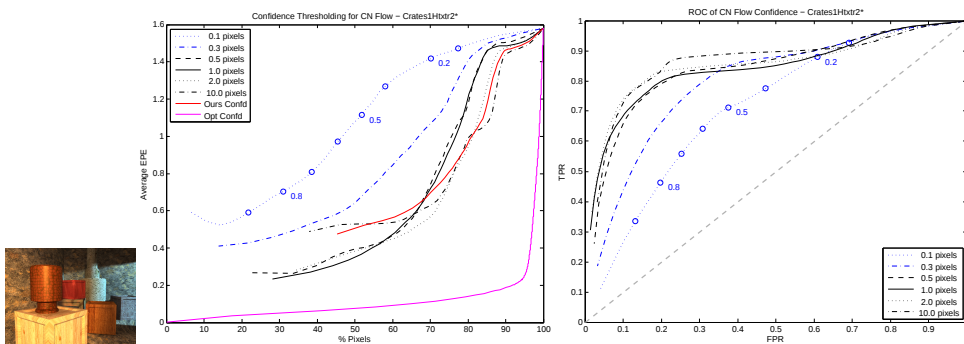


Fig. 71: CN 22 Crates1Htxtr2

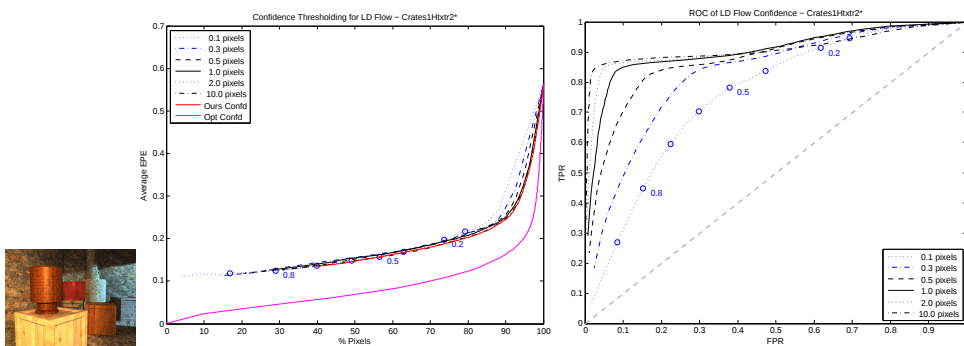


Fig. 72: LD 22 Crates1Htxtr2

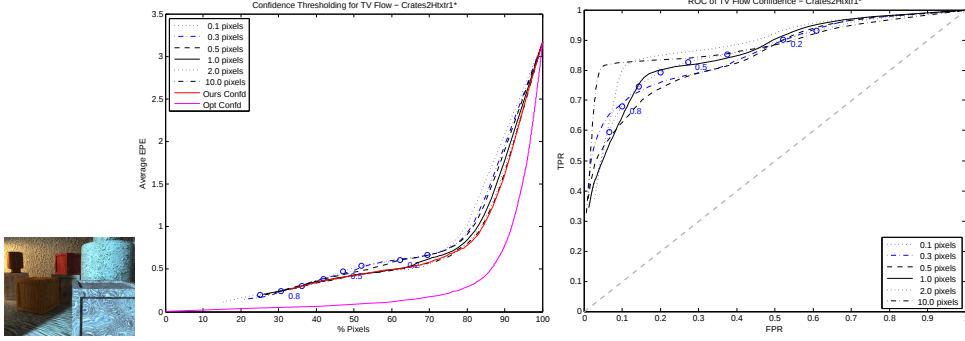


Fig. 73: TV 24 Crates2Htxtr1

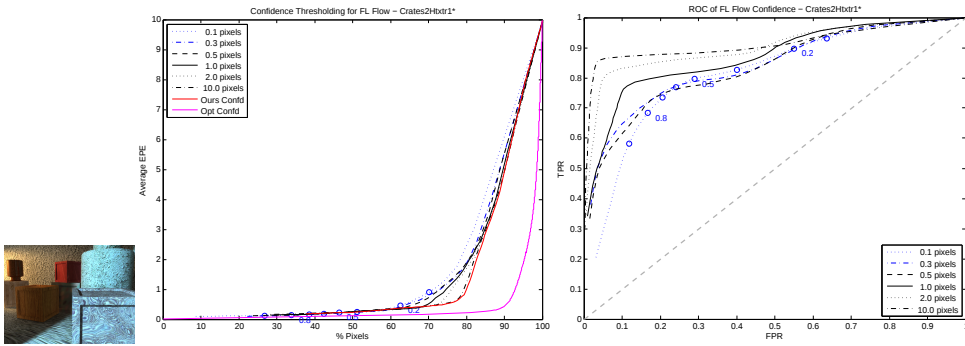


Fig. 74: FL 24 Crates2Htxtr1

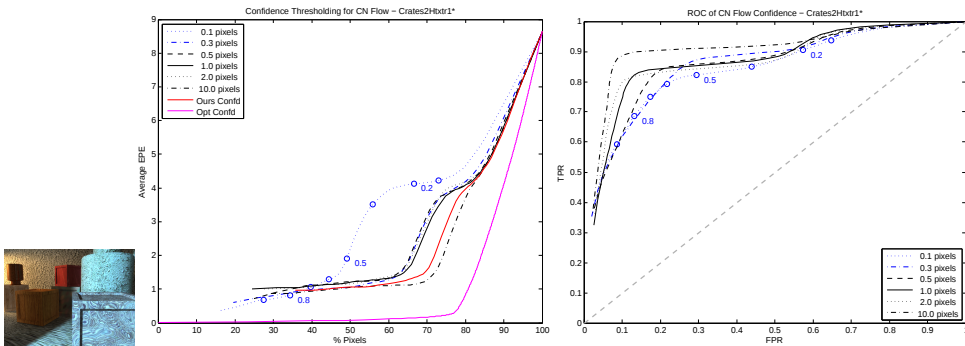


Fig. 75: CN 24 Crates2Htxtr1

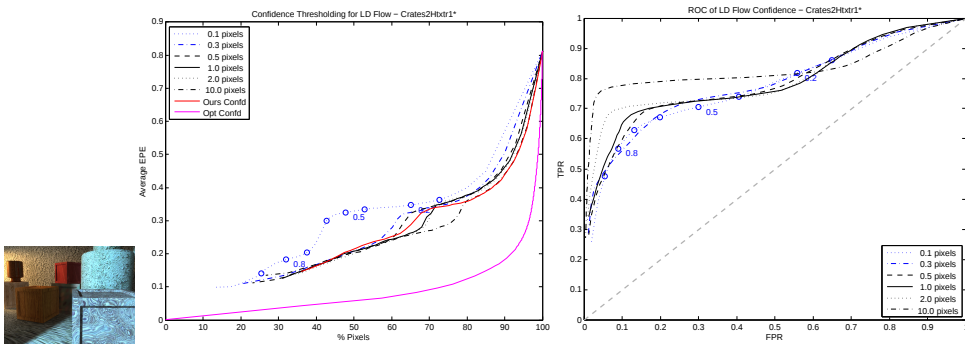


Fig. 76: LD 24 Crates2Htxtr1

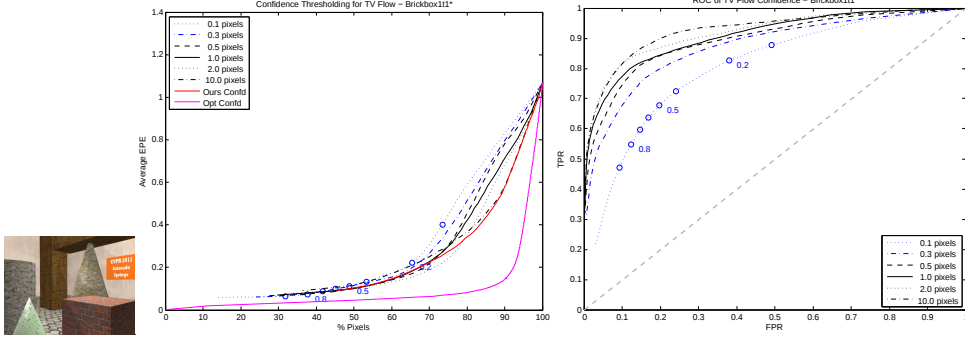


Fig. 77: TV 26 Brickbox1t1

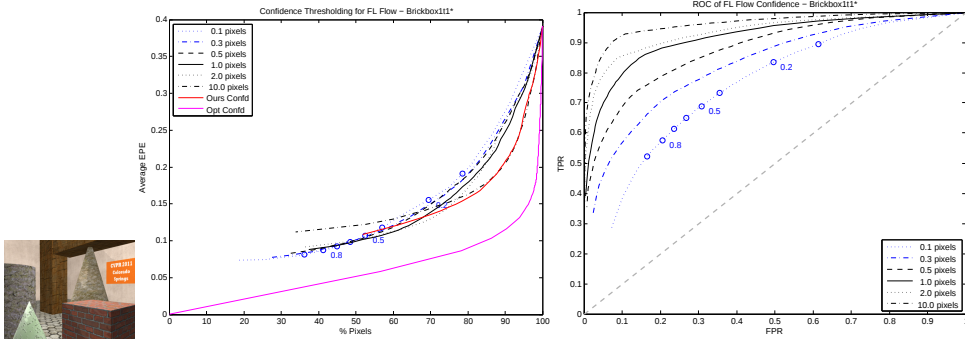


Fig. 78: FL 26 Brickbox1t1

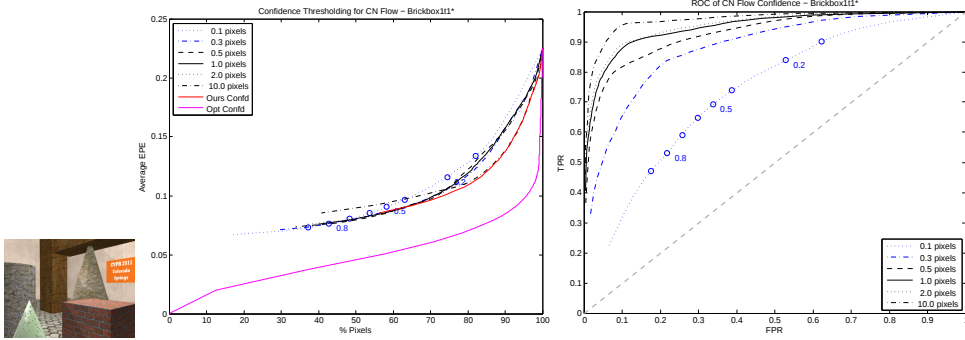


Fig. 79: CN 26 Brickbox1t1

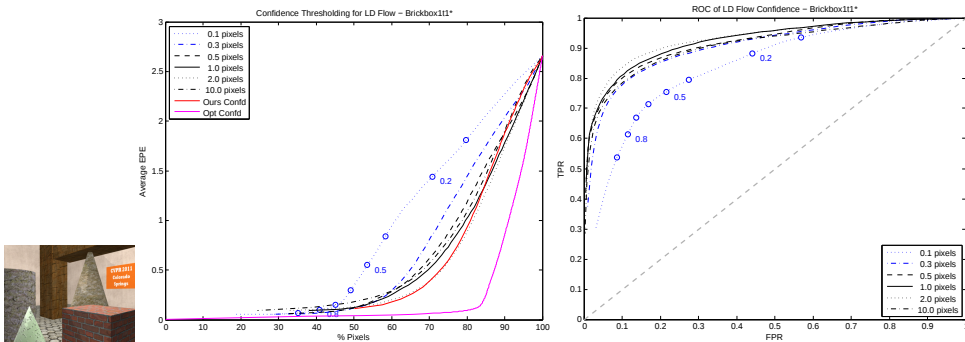


Fig. 80: LD 26 Brickbox1t1

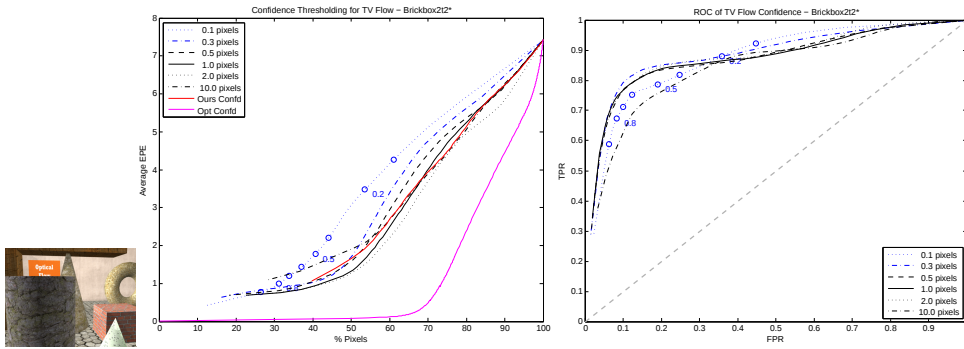


Fig. 81: TV 29 Brickbox2t2

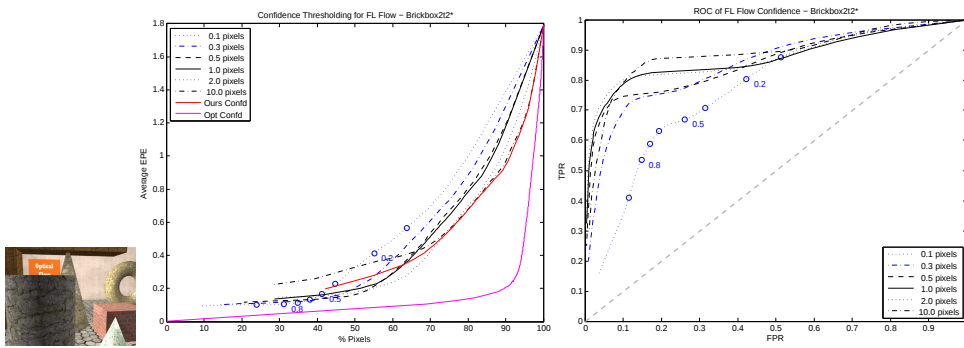


Fig. 82: FL 29 Brickbox2t2

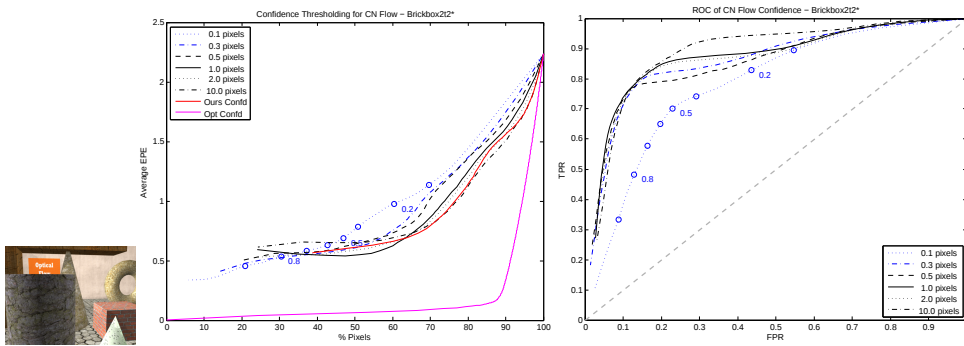


Fig. 83: CN 29 Brickbox2t2

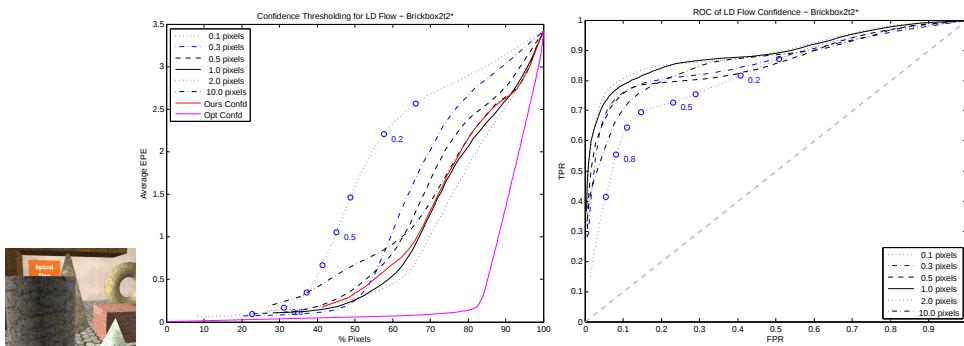


Fig. 84: LD 29 Brickbox2t2

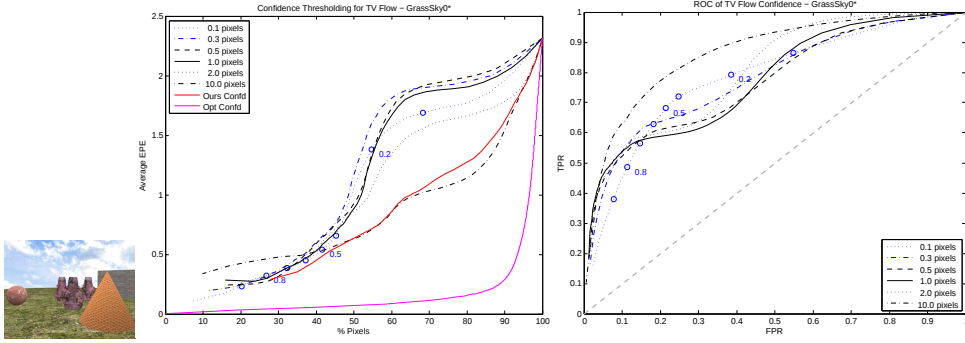


Fig. 85: TV 30 GrassSky0

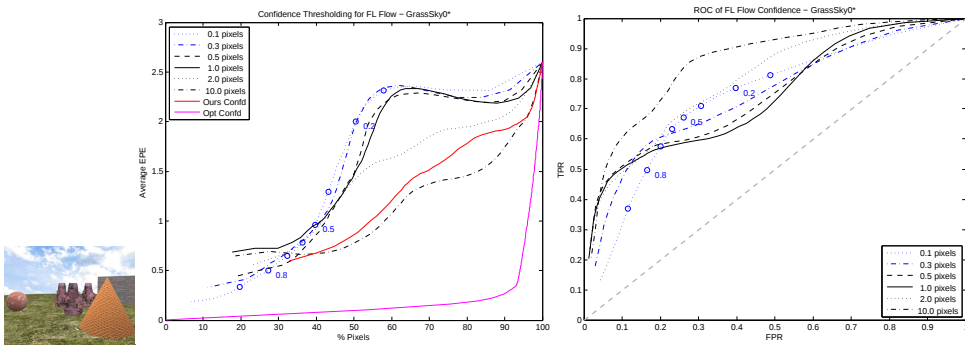


Fig. 86: FL 30 GrassSky0

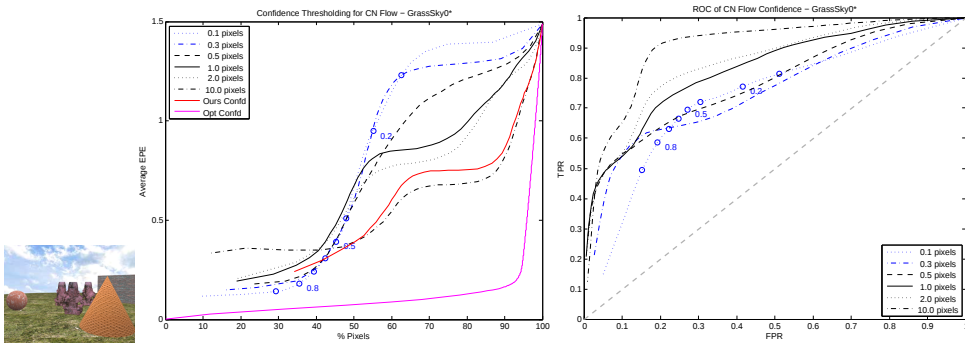


Fig. 87: CN 30 GrassSky0

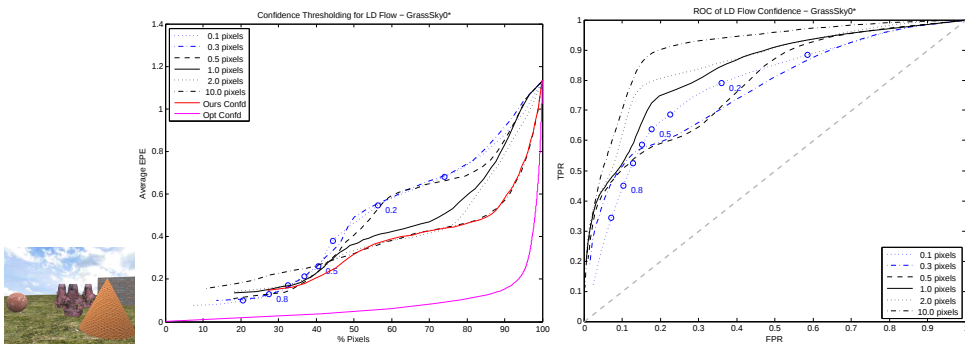


Fig. 88: LD 30 GrassSky0

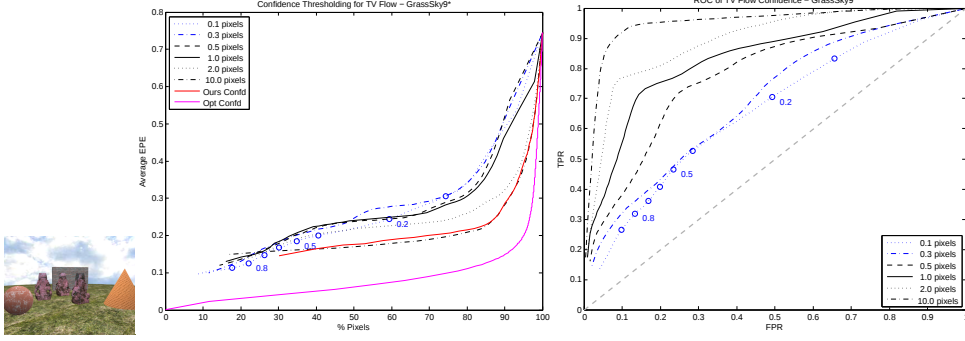


Fig. 89: TV 39 GrassSky9

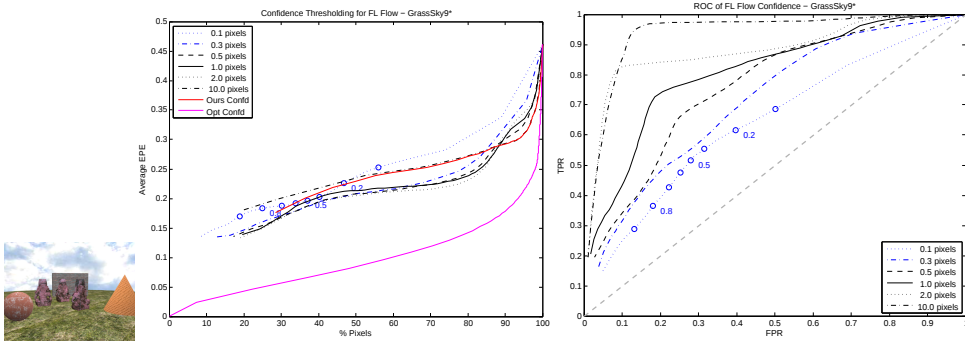


Fig. 90: FL 39 GrassSky9

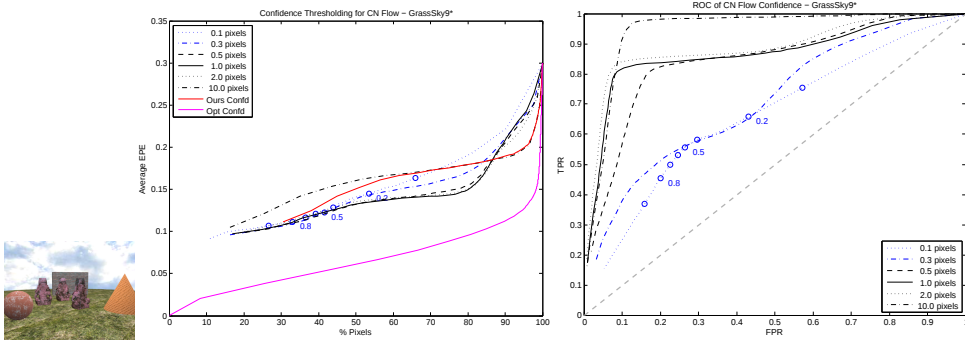


Fig. 91: CN 39 GrassSky9

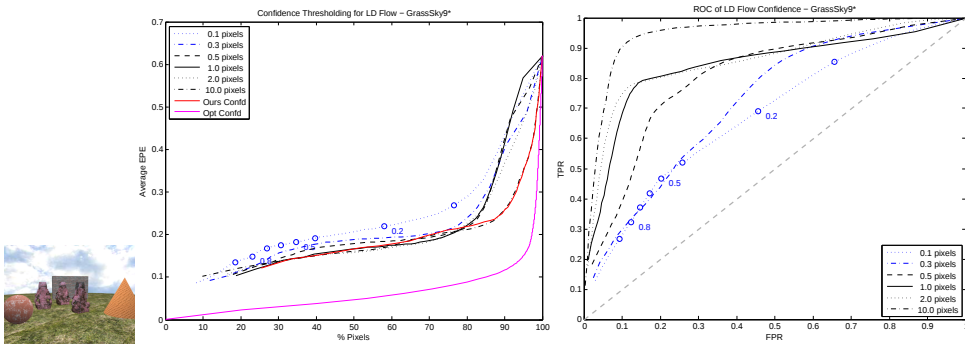


Fig. 92: LD 39 GrassSky9

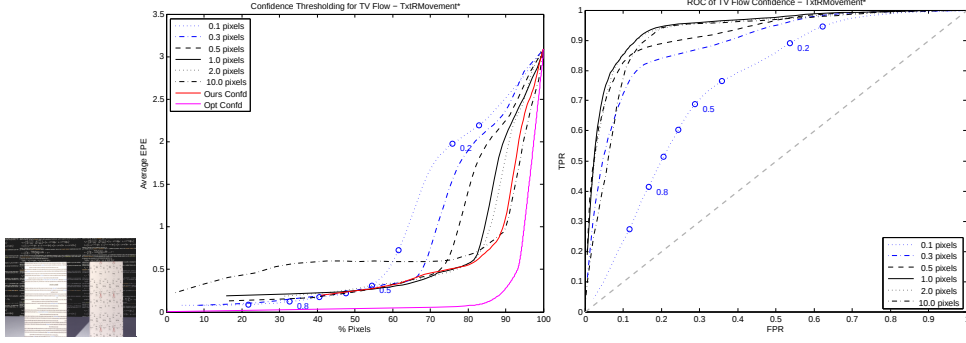


Fig. 93: TV 49 TxtRMovement

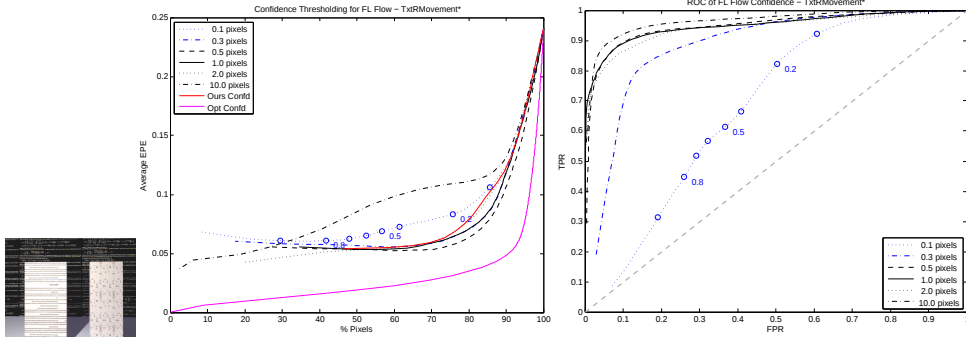


Fig. 94: FL 49 TxtRMovement

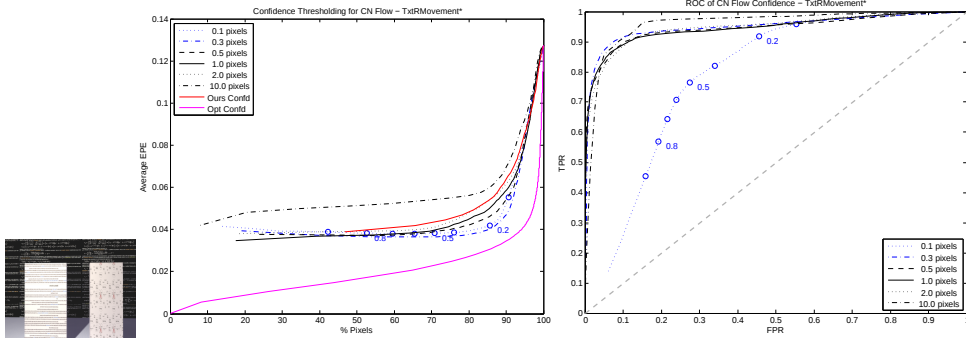


Fig. 95: CN 49 TxtRMovement

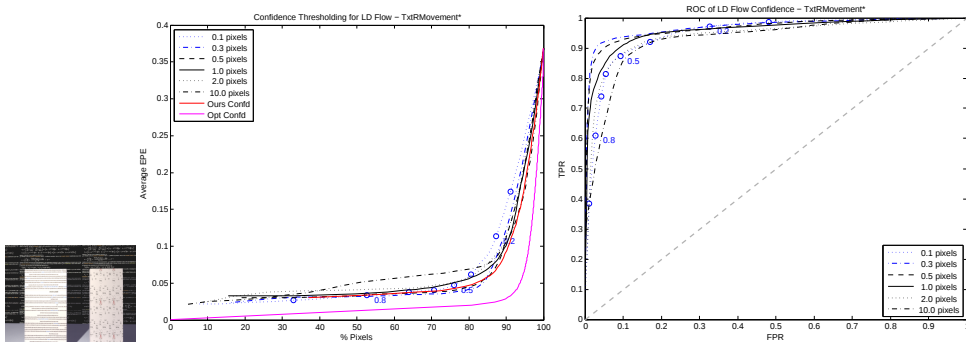


Fig. 96: LD 49 TxtRMovement

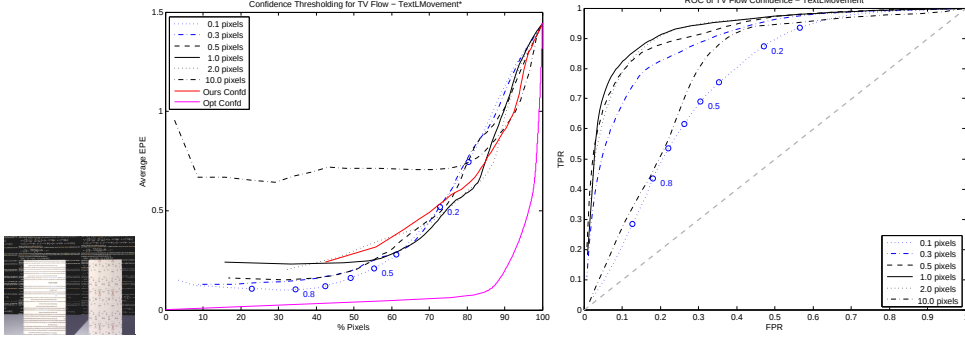


Fig. 97: TV 50 TextLMovement

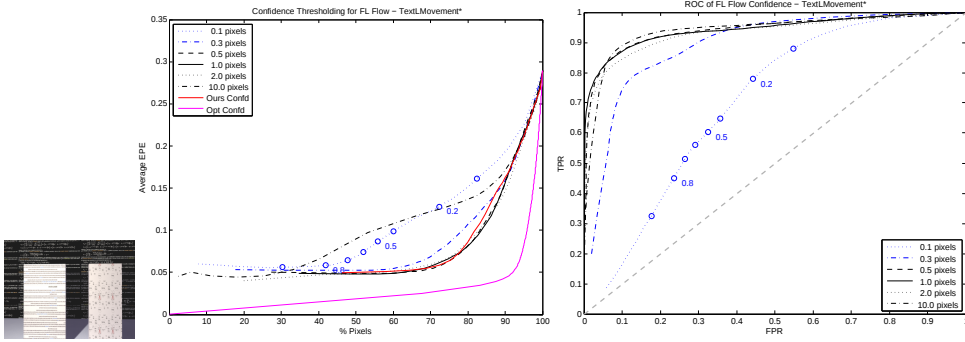


Fig. 98: FL 50 TextLMovement

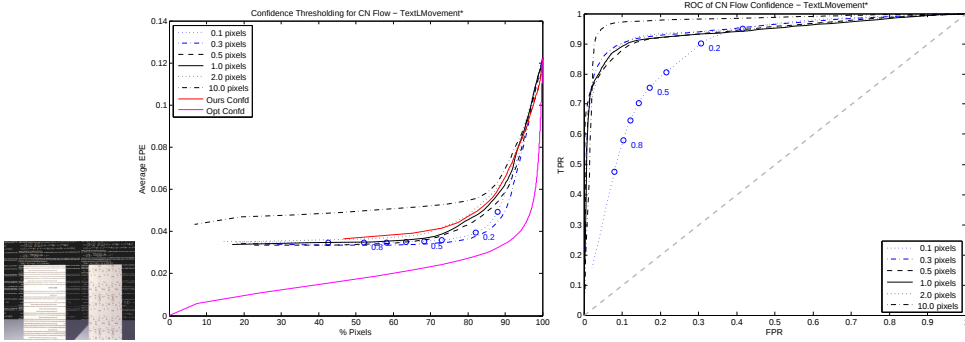


Fig. 99: CN 50 TextLMovement

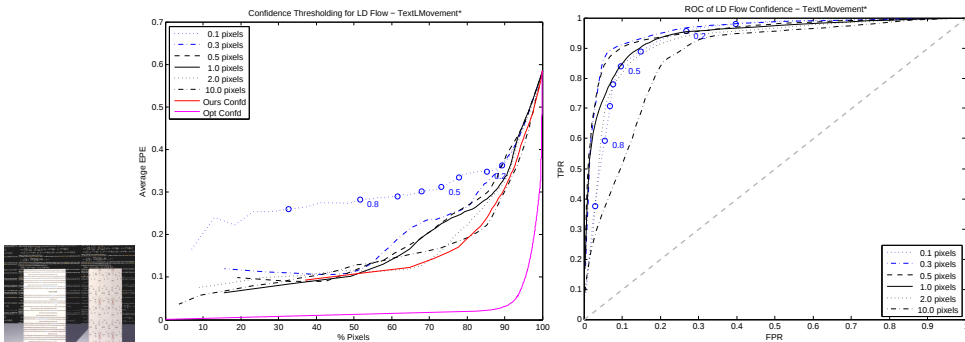


Fig. 100: LD 50 TextLMovement

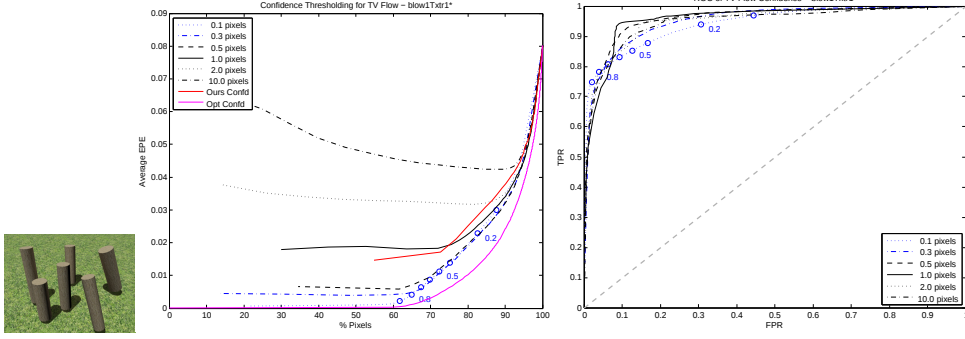


Fig. 101: TV 51 blow1Txtr1

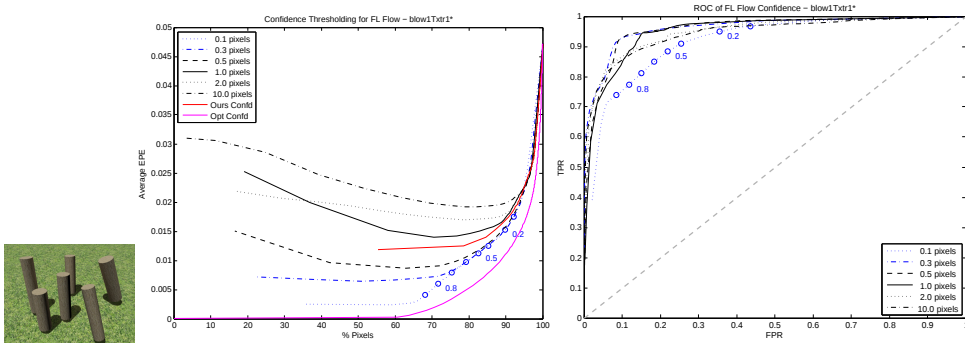


Fig. 102: FL 51 blow1Txtr1

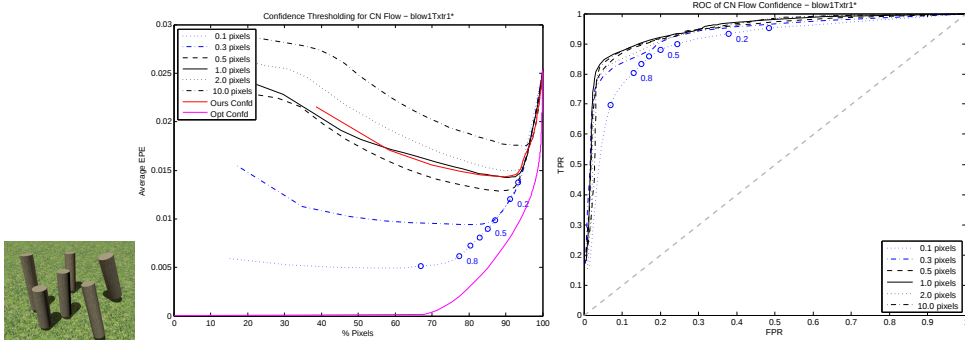


Fig. 103: CN 51 blow1Txtr1

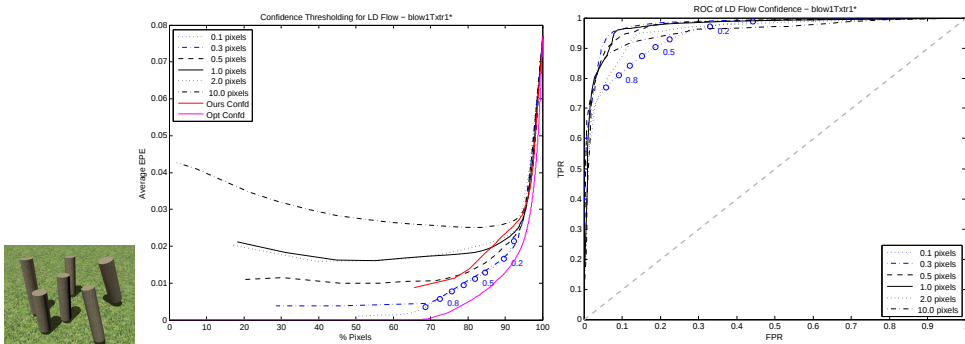


Fig. 104: LD 51 blow1Txtr1

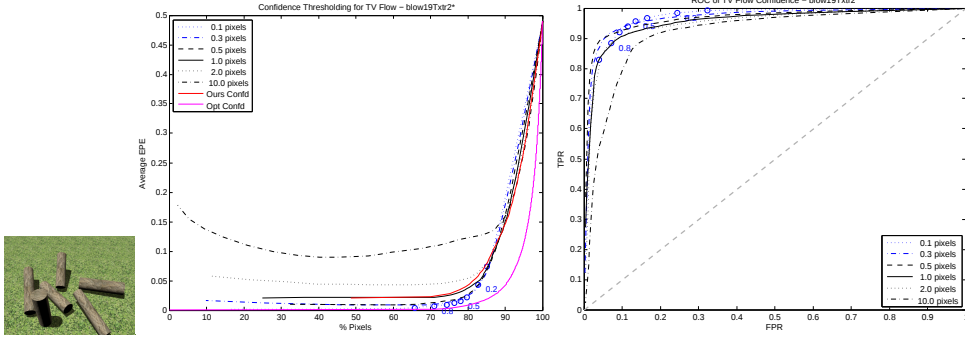


Fig. 105: TV 88 blow19Txtr2

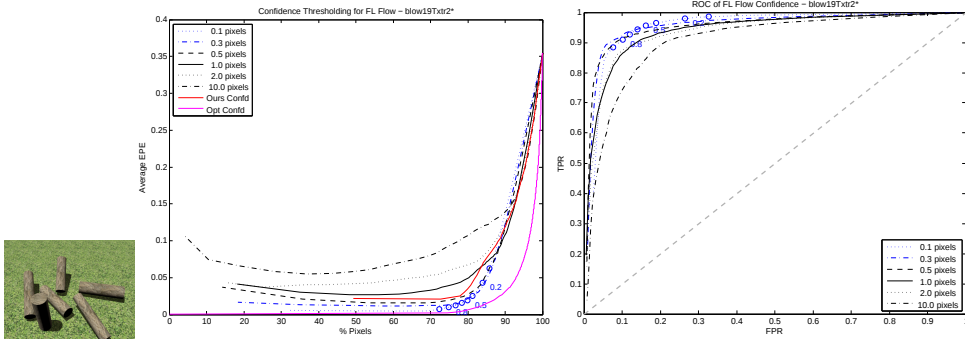


Fig. 106: FL 88 blow19Txtr2

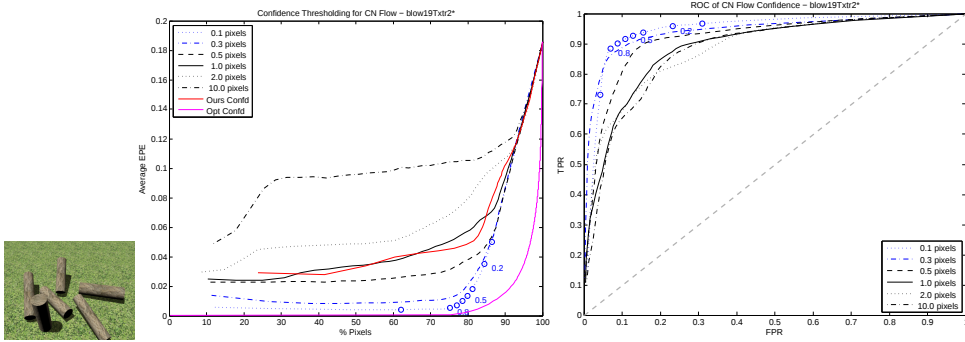


Fig. 107: CN 88 blow19Txtr2

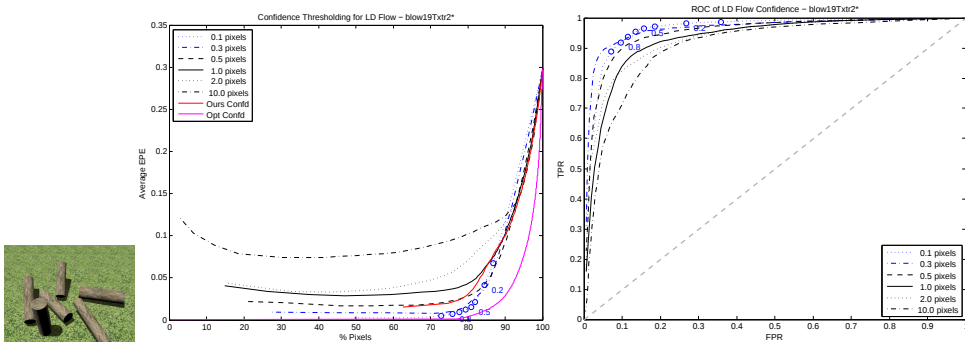


Fig. 108: LD 88 blow19Txtr2

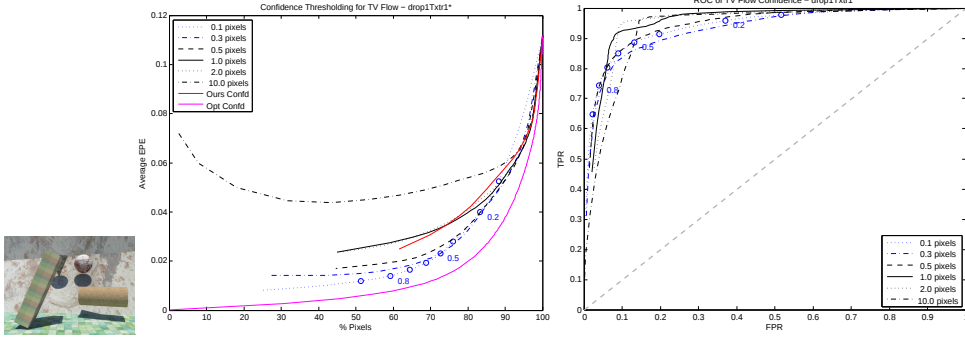


Fig. 109: TV 89 drop1Txtr1

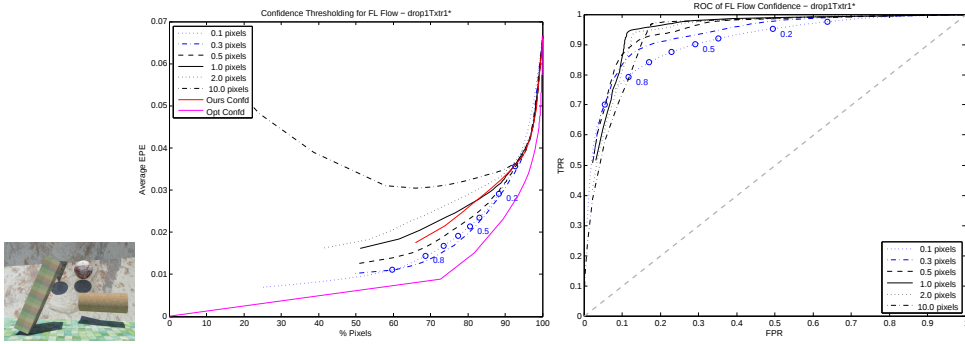


Fig. 110: FL 89 drop1Txtr1

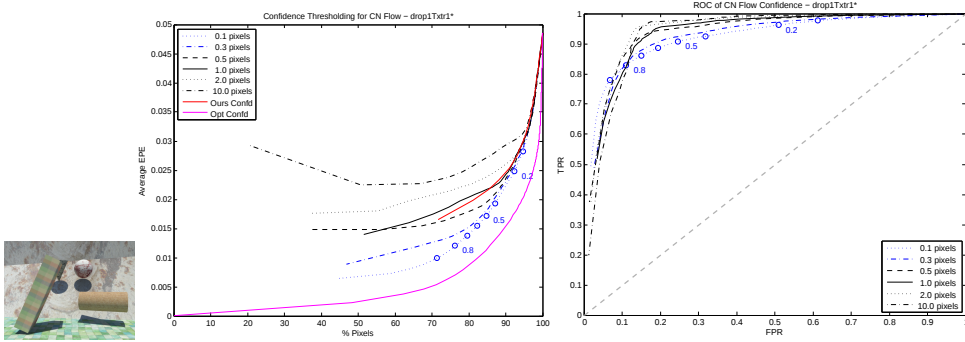


Fig. 111: CN 89 drop1Txtr1

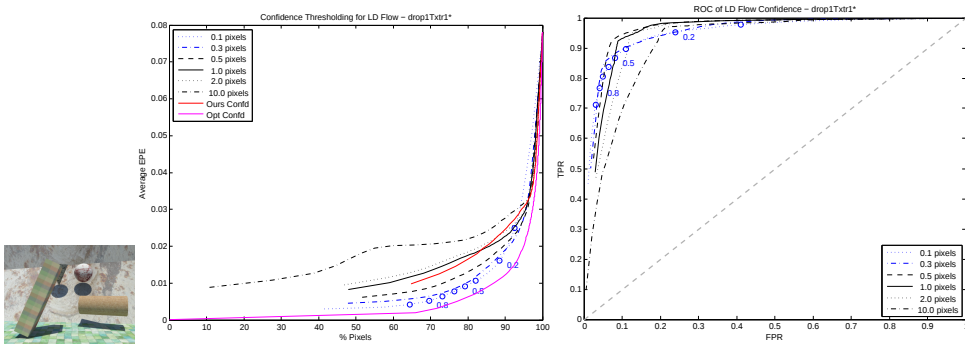


Fig. 112: LD 89 drop1Txtr1

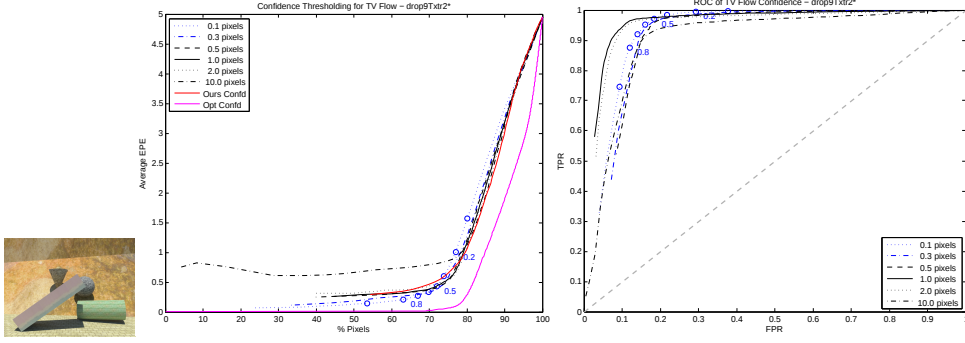


Fig. 113: TV 106 drop9Txxr2

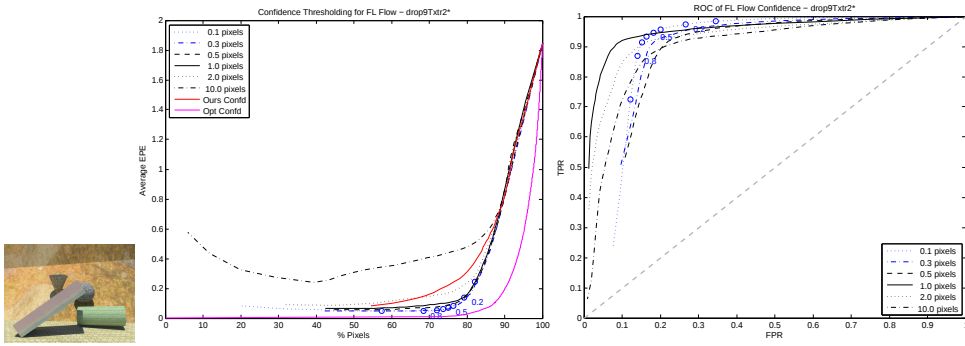


Fig. 114: FL 106 drop9Txxr2

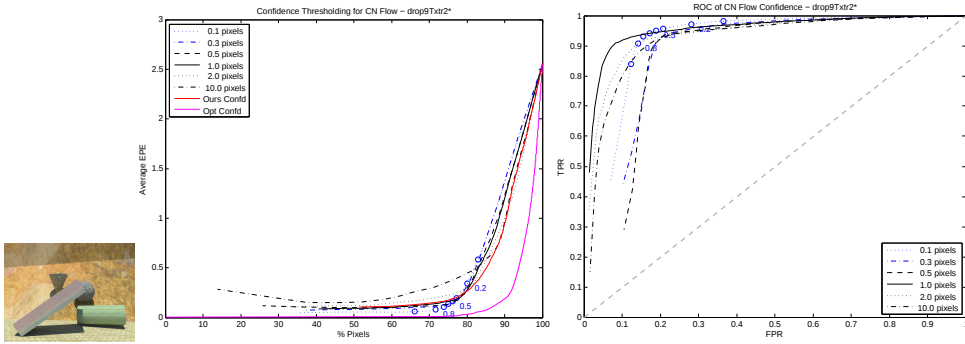


Fig. 115: CN 106 drop9Txxr2

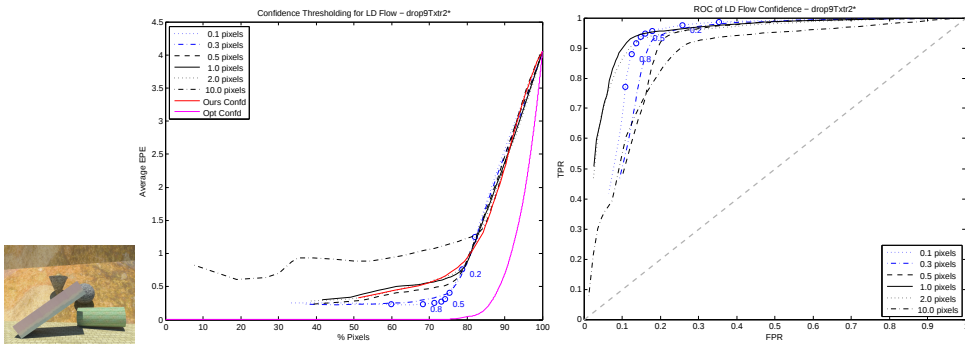


Fig. 116: LD 106 drop9Txxr2

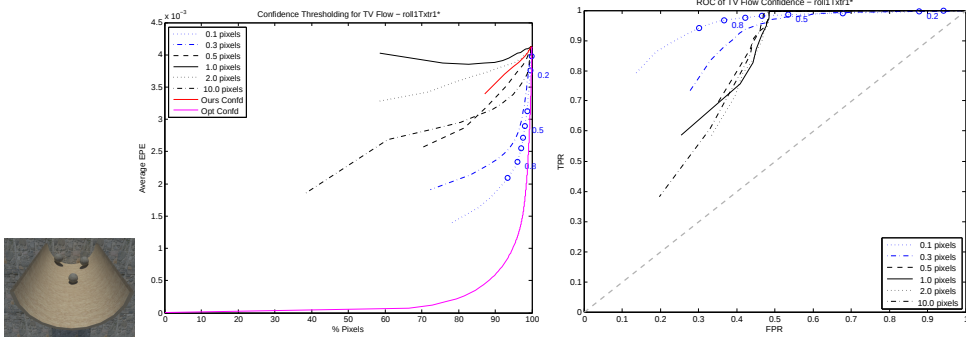


Fig. 117: TV 107 roll1txtr1

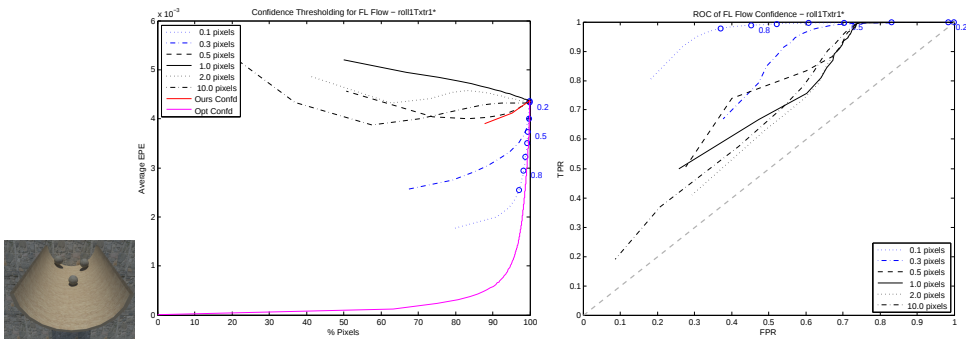


Fig. 118: FL 107 roll1txtr1

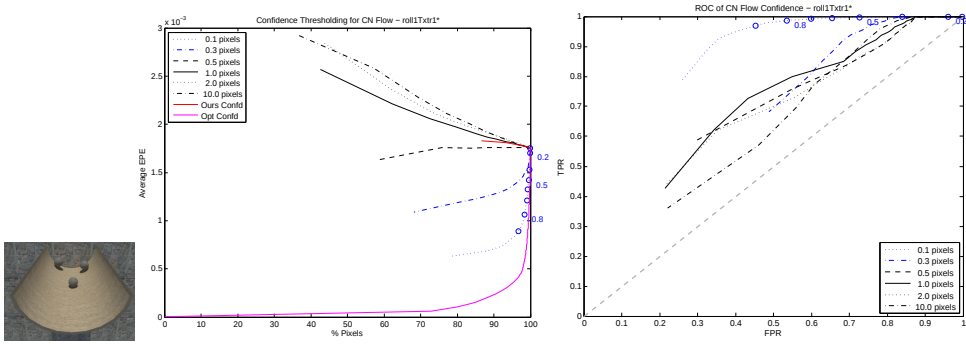


Fig. 119: CN 107 roll1txtr1

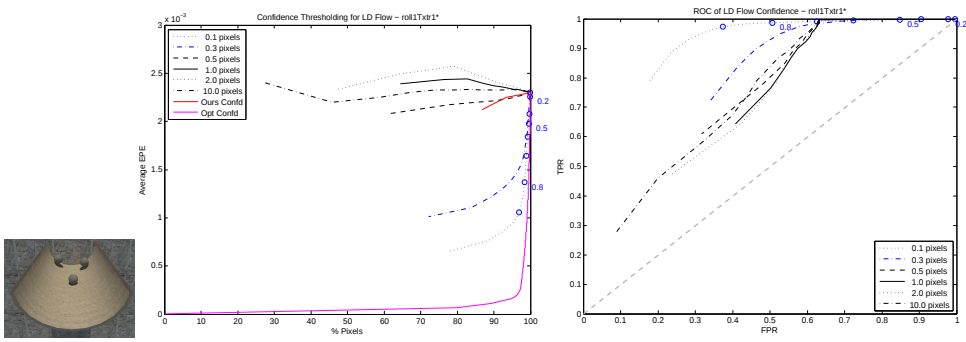


Fig. 120: LD 107 roll1txtr1

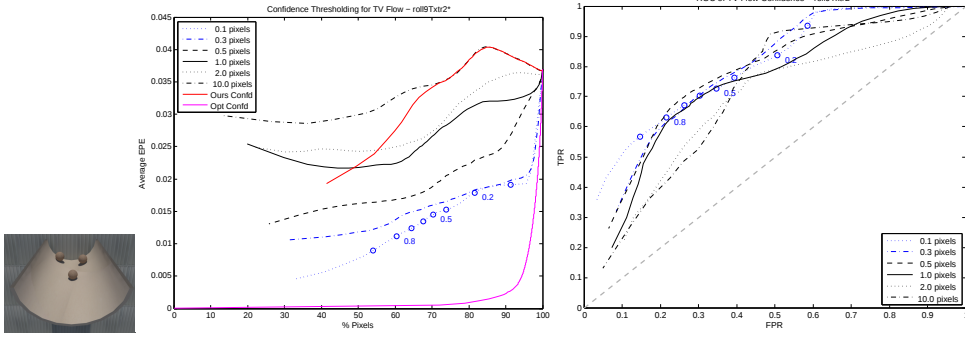


Fig. 121: TV 124 rollTxtr2

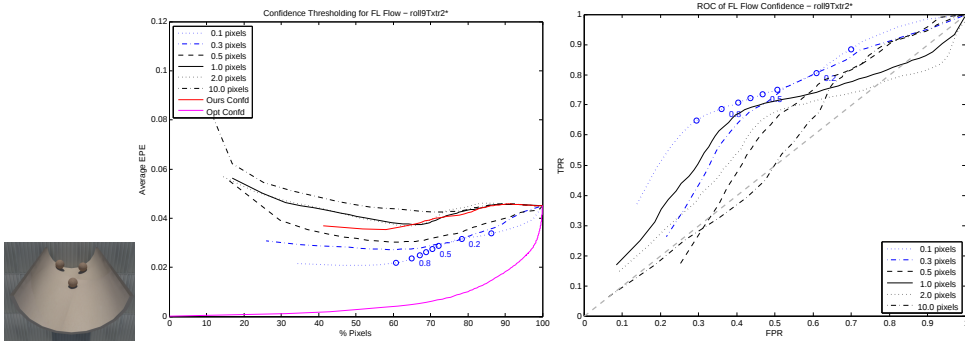


Fig. 122: FL 124 rollTxtr2

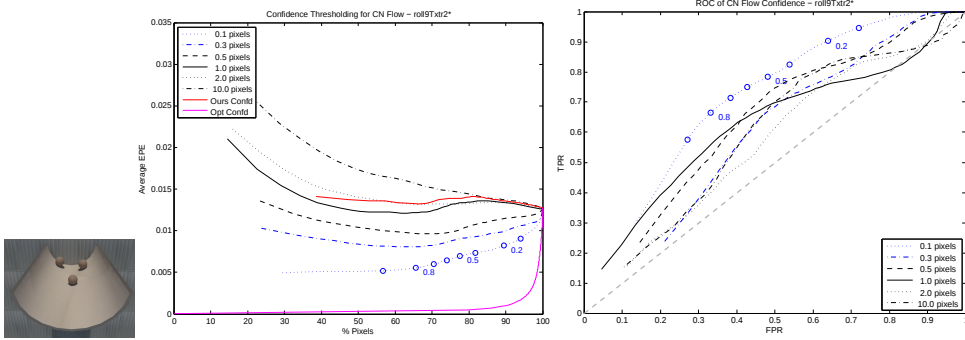


Fig. 123: CN 124 rollTxtr2

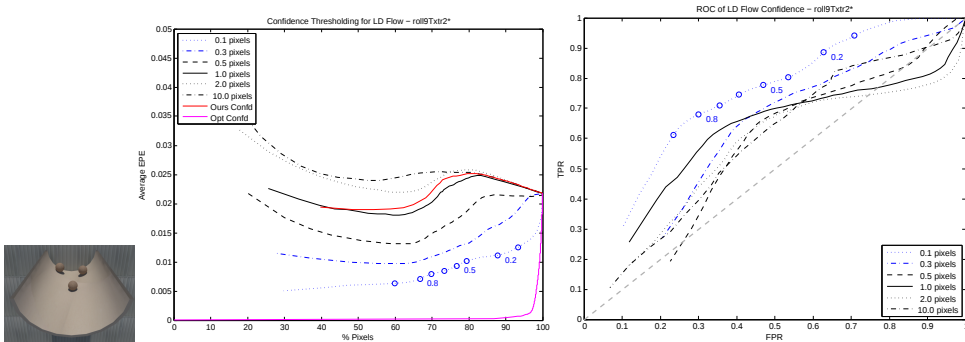


Fig. 124: LD 124 rollTxtr2

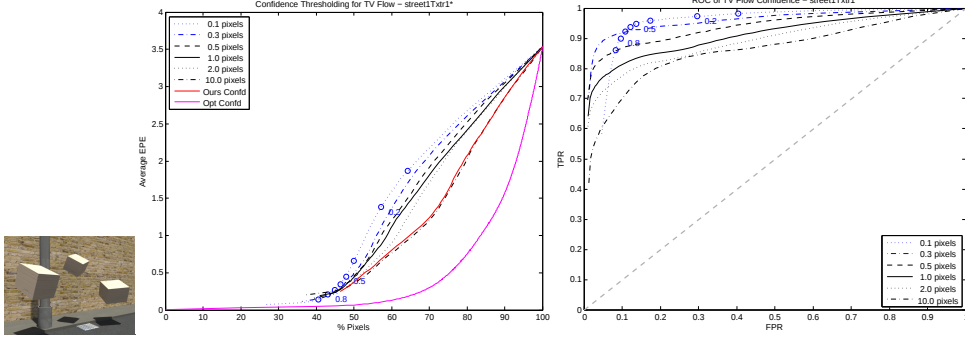


Fig. 125: TV 125 street1Txtr1

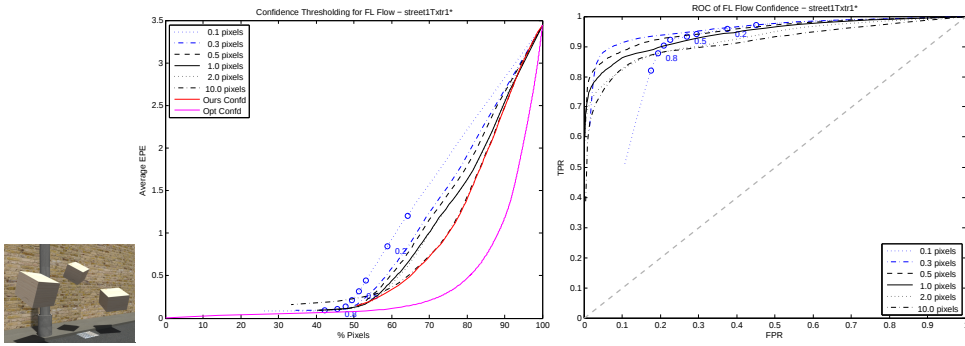


Fig. 126: FL 125 street1Txtr1

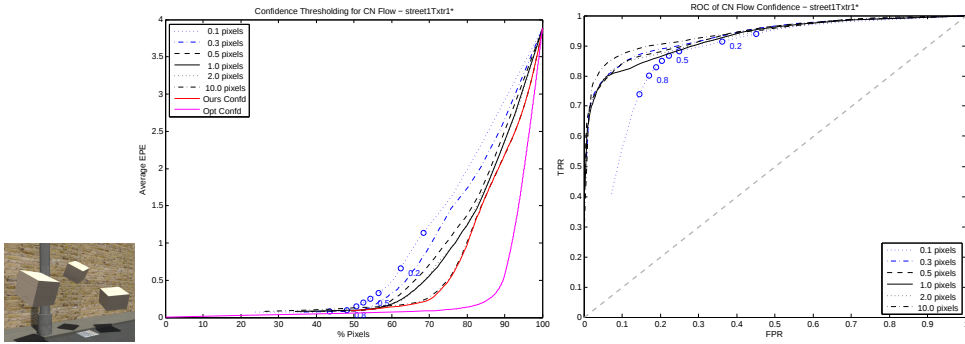


Fig. 127: CN 125 street1Txtr1

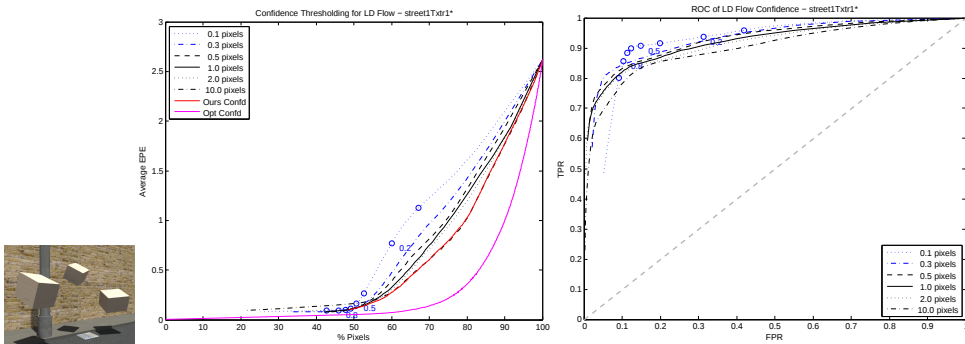


Fig. 128: LD 125 street1Txtr1