**Overall performance on UAVDT KBCF** (Ours 41.0 fps) 0.72 **BiCF** (2020ICRA 50.2 fps) TADT (2019CVPR 32.5fps) UDT (2019CVPR 76.4fps) UDT+ (2019CVPR 60.4fps) 0.70 ASRCF (2019CVPR 14.1fps) MCCT (2018CVPR 8.6fps) MCCT-H (2018CVPR 62.9fps)  $oldsymbol{
abla}$ CSR-DCF (2018CVPR 13.2fps) 0.68 STRCF (2018CVPR 32.3fps) 0 DeepSTRCF (2018CVPR 6.6fps) KCC (2018AAAI 56.9fps) CoKCF (2017PR 21.2fps) 0.66 IBCCF (2017ICCVW 3.4fps) DSiam (2017ICCV 15.9fps) BACF (2017CVPR 69.1fps) Precision Staple\_CA (2017CVPR 64.1fps) 0.64 ECO (2017CVPR 16.4fps) ECO-HC (2017CVPR 79.2fps) MCPF (2017CVPR 0.7fps) ADNet (2017CVPR 7.5fps) 0.62 CFNet (2017CVPR 41.0fps) fDSST (2016TPAMI 218.5fps) SiamFC (2016ECCVW 18.2fps) × C-COT (2016ECCV 1.1fps) 0.60 GOTURN (2016ECCV 16.5fps) 0 Staple (2016CVPR 71.7fps) SRDCFdecon (2016CVPR 8.9fps) SINT (2016CVPR 96.8fps) 0.58 Δ HDT (2016CVPR 9.0fps) KCF (2015TPAMI 956.9fps) SRDCF (2015ICCV 17.4fps) CF2 (2015ICCV 20.1fps) 0.56 SAMF (2014ECCVW 15.8fps) DSST (2014BMVC 148.3fps) 0.5 30 2 5 10 20 50 100 200 500 1000 **FPS**