Fraction of successfully crossmatched Regions  $t_{\rm bin} = 5$ ; E = 0.2 - 2.0 - 100.01 0.74 0.20 0.03 0.15 0.10 0.03 0.09  $N_{\text{reg}} = 10861$  $t_{\rm bin} = 5$ ; E = 2.0 - 12.00.11 0.28 0.31 0.17 0.25 0.26 0.63 0.17  $-N_{\text{reg}} = 959$ 0.16  $t_{\rm bin} = 5$ ; E = 0.2 - 12.0 - 12.00.67 0.05 0.18 0.04 0.10 0.04 0.09  $N_{\text{reg}} = 12159$ 0.03  $t_{\rm bin} = 50$ ; E = 0.2 - 2.0 - 100.39 0.39 0.10 0.65 0.44 0.15 0.40  $-N_{\text{reg}} = 5843$ Crossmatch B  $t_{\rm bin} = 50$ ; E = 2.0 - 12.00.21 0.27 0.70 0.58 0.59  $-N_{\text{reg}} = 1274$ 0.40 0.41 0.44  $t_{\rm bin} = 50$ ; E = 0.2 - 12.0 - 12.00.24 0.06 0.29 0.55 0.14 0.42 0.40 0.18  $-N_{\text{reg}} = 7142$  $t_{\rm bin} = 200$ ; E = 0.2 - 2.00.21 0.04 0.22 0.46 0.12 0.20 0.78 0.48  $-N_{\rm reg} = 6147$  $t_{\rm bin} = 200$ ; E = 2.0 - 12.00.11 0.10 0.18 0.25 0.26 0.36 0.31 0.64  $-N_{\text{reg}} = 3431$ 0.09 0.03 0.12 0.22 0.08 0.27 0.40 0.20  $t_{\rm bin} = 200$ ; E = 0.2 - 12.0 $-N_{\text{reg}} = 12311$ 12.0 2.0 2.0 12.0 2.0  $t_{\rm bin} = 5$ ; E = 2.0 - 12.050; E = 2.0 - 12.0 $t_{\rm bin} = 200$ ; E = 2.0 - 12.0-12.0ı I = 0.2= 0.25; E = 0.250; E = 0.2= 5; E = 0.2 $t_{\rm bin} = 200$ ; E = 0.2 $t_{\rm bin} = 50$ ; E $t_{\rm bin} = 200$ ; E  $t_{
m bin} =$  $t_{\mathsf{bin}} = 1$  $t_{\mathsf{bin}} =$  $t_{
m bin}$ Crossmatch A