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  $-N_{\text{reg}} = 10070$ 0.11 0.32  $t_{\rm bin} = 5$ ; E = 2.0 - 12.00.25 0.27 0.64 0.17 0.29 0.18  $-N_{\text{reg}} = 914$ 0.16  $t_{\rm bin} = 5$ ; E = 0.2 - 12.0 - 12.00.66 0.06 0.18 0.04 0.10 0.04 0.10  $-N_{\text{reg}} = 11330$ 0.04  $t_{\rm bin} = 50$ ; E = 0.2 - 2.0 - 100.39 0.38 0.10 0.66 0.45 0.15 0.41  $-N_{\text{reg}} = 5508$ Crossmatch B  $t_{\rm bin} = 50$ ; E = 2.0 - 12.00.21 0.27 0.71 0.58 0.59 0.40 0.41 0.45  $-N_{\text{reg}} = 1226$  $t_{\rm bin} = 50$ ; E = 0.2 - 12.0 - 12.00.24 0.29 0.55 0.15 0.43 0.06 0.40 0.18  $-N_{\text{reg}} = 6787$  $t_{\rm bin} = 200$ ; E = 0.2 - 2.00.20 0.04 0.22 0.45 0.12 0.20 0.78 0.48  $-N_{\text{reg}} = 5885$  $t_{\rm bin} = 200$ ; E = 2.0 - 12.00.11 0.11 0.19 0.26 0.26 0.36 0.64 0.32  $-N_{\text{reg}} = 3241$ 0.09 0.03 0.12 0.22 0.09 0.27 0.41 0.20  $t_{\rm bin} = 200$ ; E = 0.2 - 12.0 $-N_{\text{reg}} = 11653$ 12.0 2.0 12.0 2.0 12.0 2.0  $t_{\rm bin} = 5$ ; E = 2.0 - 12.050; E = 2.0 - 12.0-12.0ı ı  $t_{\rm bin} = 200$ ; E = 2.0 - 10050; E = 0.2 -= 0.2= 0.25; E = 0.2= 5; E = 0.2 $t_{\rm bin} = 200$ ; E = 0.2 $t_{\rm bin} = 50$ ; E $t_{\rm bin} = 200$ ; E  $t_{
m bin} =$ Ш  $t_{
m bin}$  $t_{
m bin}$  : Crossmatch A