(A)
Photobleaching decay
Relative fluorescence p
1.0
0.8
0.6
0.4
0.2
0.0
No background
→ ε, Sσm
With background
→ ε, Sσm, BG
ε
Brightness BFFS
F(1)
Fluorescence signal F
0

(B)
Fluorescent label distribution model
1, 2 or 3 fluorescent labels
Range of possible values for the mean number of fluorescent labels: m
Range of possible true number of entities:
N = F(1)/εm
m
1.8
0.9
m range
σ
0
0.9
1.0
0.5
0.0
p1
p2
p3