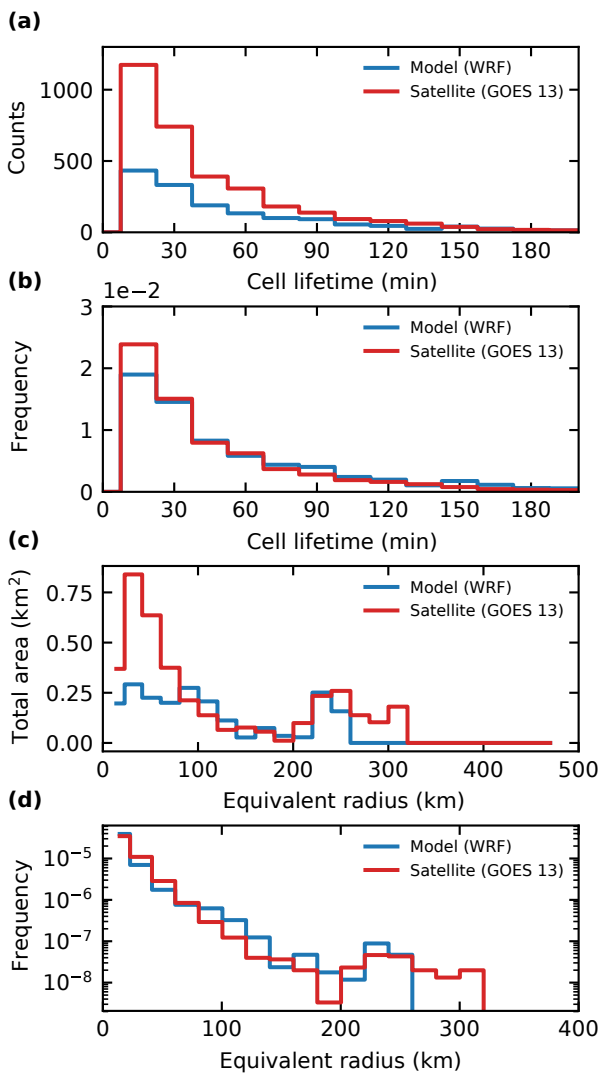
(a)
Counts
1000
500
0
0
30
60
90
120
150
180
Cell lifetime (min)
Model (WRF)
Satellite (GOES 13)
(b)
1e−2
Frequency
3
2
1
0
0
30
60
90
120
150
180
Cell lifetime (min)
Model (WRF)
Satellite (GOES 13)
(c)
Total area (km^2)
0.75
0.50
0.25
0.00
0
100
200
300
400
500
Equivalent radius (km)
Model (WRF)
Satellite (GOES 13)
(d)
Frequency
10^{-5}
10^{-6}
10^{-7}
10^{-8}
0
100
200
300
400
Equivalent radius (km)
Model (WRF)
Satellite (GOES 13)