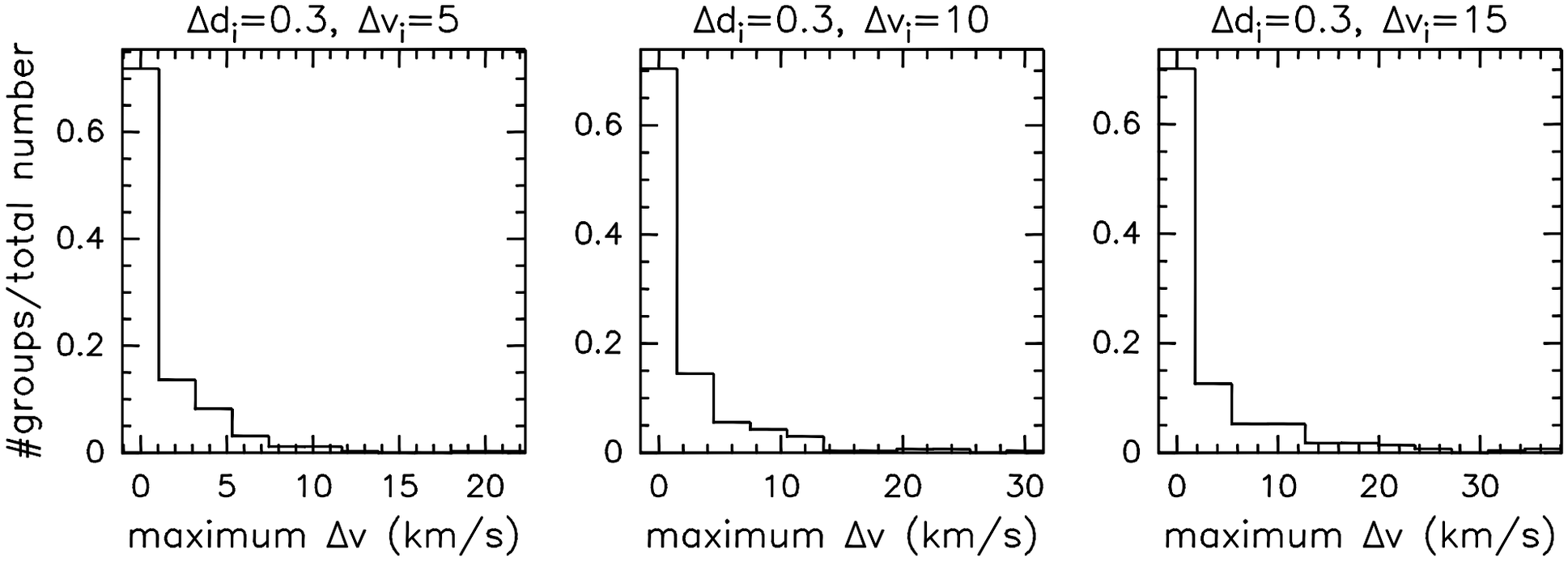
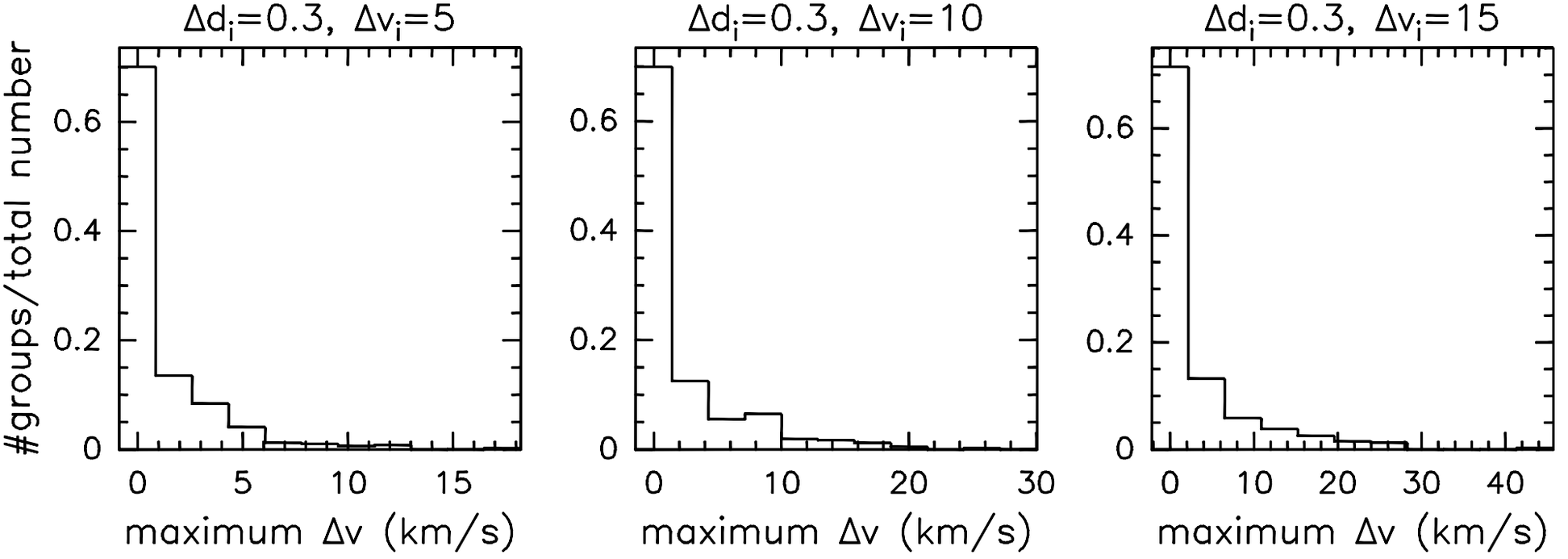
(a)


Δd_i=0.3, Δv_i=5
Δd_i=0.3, Δv_i=10
Δd_i=0.3, Δv_i=15
#groups/total number
0
0.2
0.4
0.6
0
5
10
15
20
0
10
20
30
maximum Δv (km/s)

(b)


Δd_i=0.3, Δv_i=5
Δd_i=0.3, Δv_i=10
Δd_i=0.3, Δv_i=15
#groups/total number
0
0.2
0.4
0.6
0
5
10
15
0
10
20
30
0
10
20
30
40
maximum Δv (km/s)