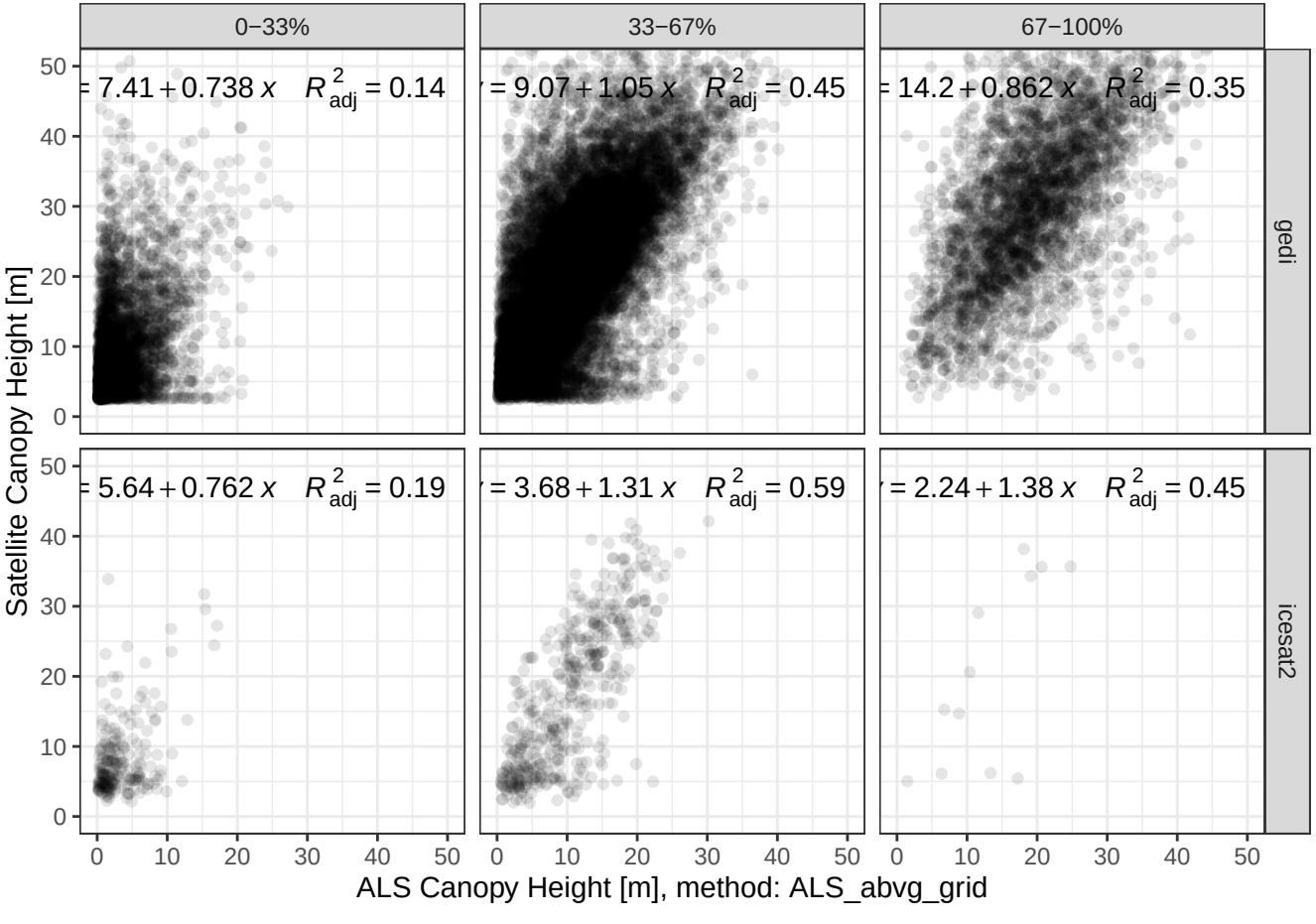
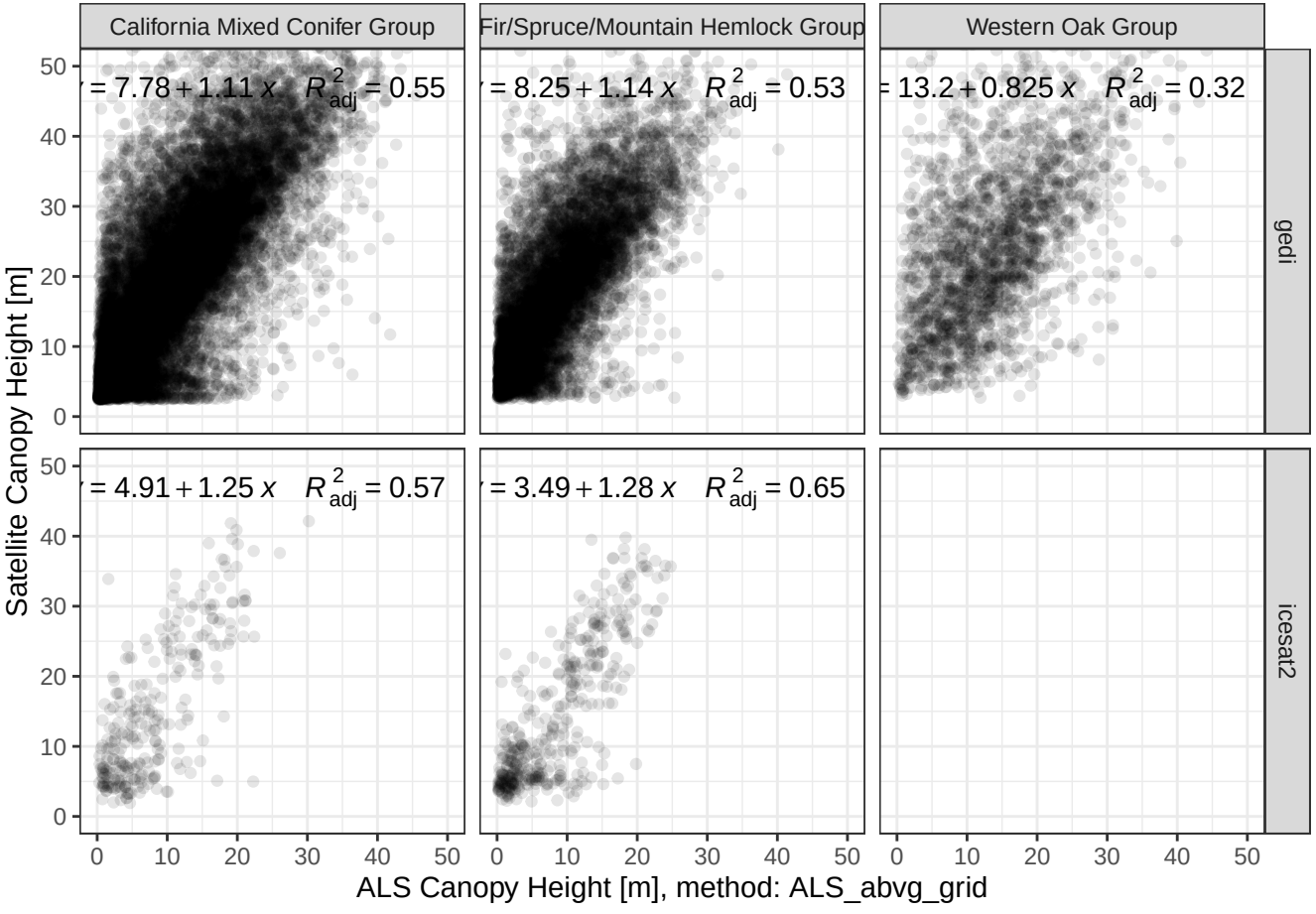
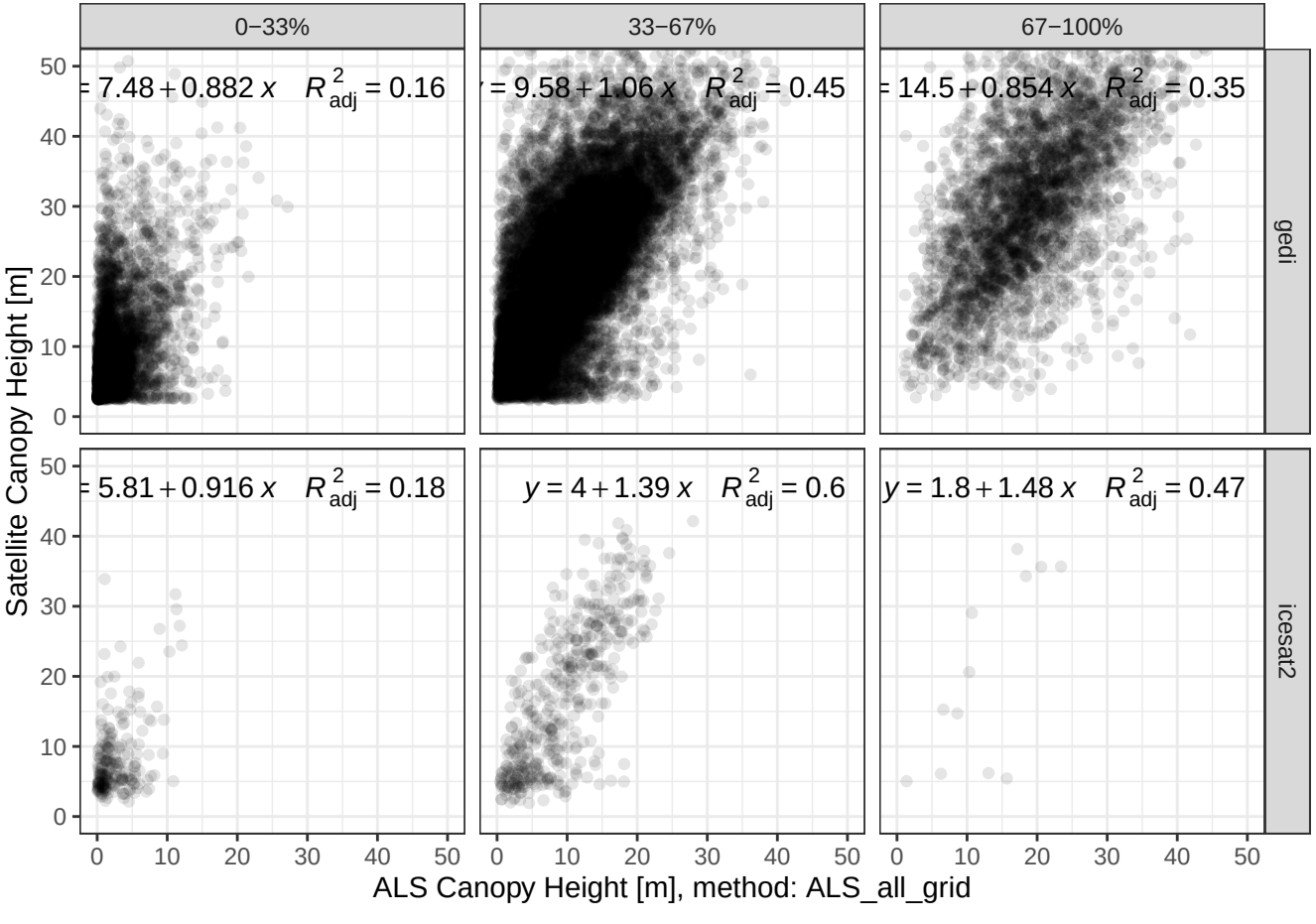

0−33%
33−67%
67−100%
gedi
icesat2
= 7.41 + 0.738 x R²adj = 0.14
= 9.07 + 1.05 x R²adj = 0.45
= 14.2 + 0.862 x R²adj = 0.35
= 5.64 + 0.762 x R²adj = 0.19
= 3.68 + 1.31 x R²adj = 0.59
= 2.24 + 1.38 x R²adj = 0.45
Satellite Canopy Height [m]
ALS Canopy Height [m], method: ALS_abvg_grid
0
10
20
30
40
50


California Mixed Conifer Group
Fir/Spruce/Mountain Hemlock Group
Western Oak Group
gedi
icesat2
y = 7.78 + 1.11 x R²adj = 0.55
y = 8.25 + 1.14 x R²adj = 0.53
y = 13.2 + 0.825 x R²adj = 0.32
y = 4.91 + 1.25 x R²adj = 0.57
y = 3.49 + 1.28 x R²adj = 0.65
Satellite Canopy Height [m]
ALS Canopy Height [m], method: ALS_abvg_grid
0
10
20
30
40
50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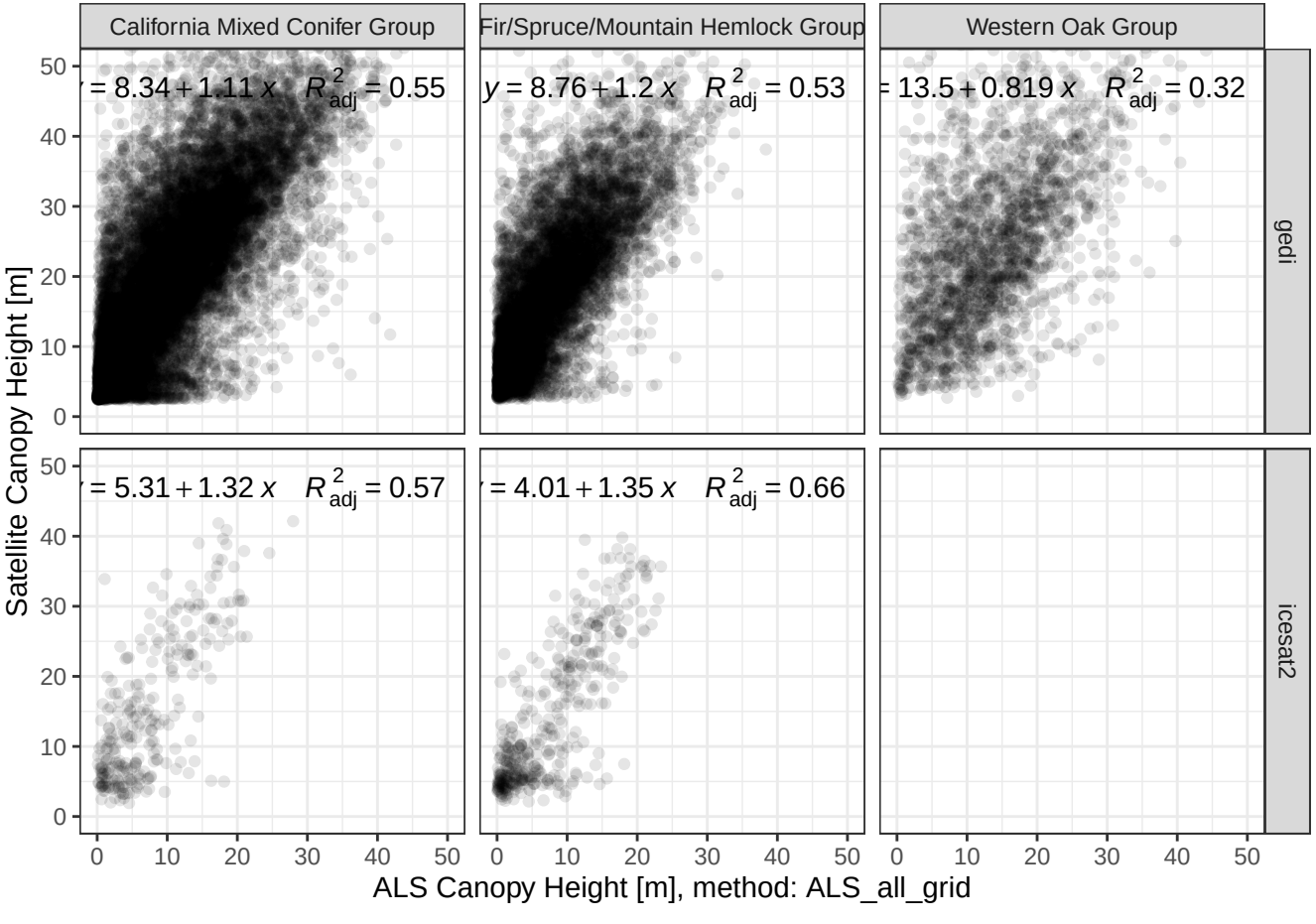
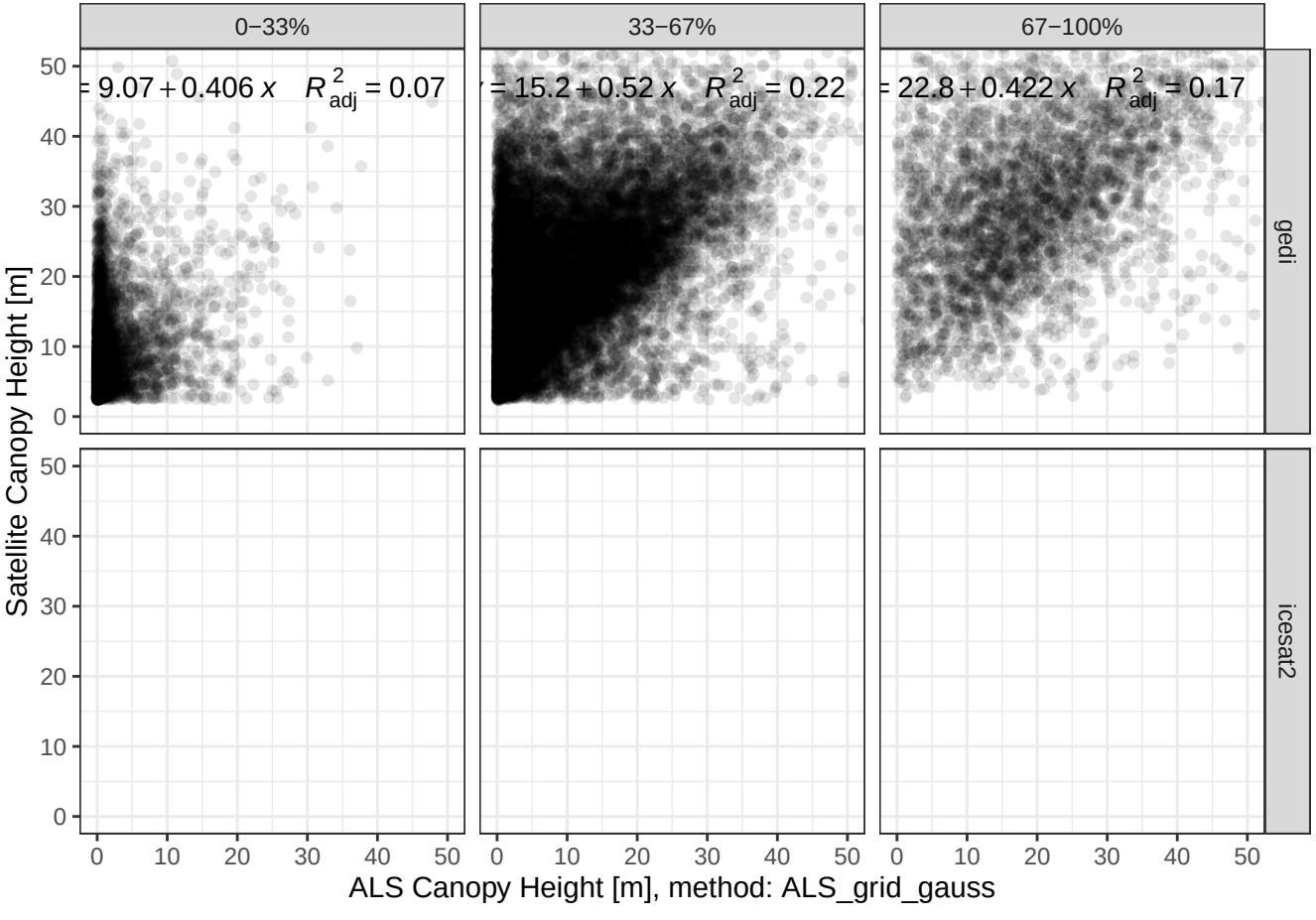
33−67%
67−100%
gedi
icesat2
= 7.48 + 0.882 x R²adj = 0.16
= 9.58 + 1.06 x R²adj = 0.45
= 14.5 + 0.854 x R²adj = 0.35
= 5.81 + 0.916 x R²adj = 0.18
y = 4 + 1.39 x R²adj = 0.6
y = 1.8 + 1.48 x R²adj = 0.47
Satellite Canopy Height [m]
ALS Canopy Height [m], method: ALS_all_grid
0
10
20
30
40
50


California Mixed Conifer Group
Fir/Spruce/Mountain Hemlock Group
Western Oak Group
gedi
icesat2
y = 8.34 + 1.11 x R²adj = 0.55
y = 8.76 + 1.2 x R²adj = 0.53
= 13.5 + 0.819 x R²adj = 0.32
= 5.31 + 1.32 x R²adj = 0.57
= 4.01 + 1.35 x R²adj = 0.66
Satellite Canopy Height [m]
ALS Canopy Height [m], method: ALS_all_grid
0
10
20
30
40
50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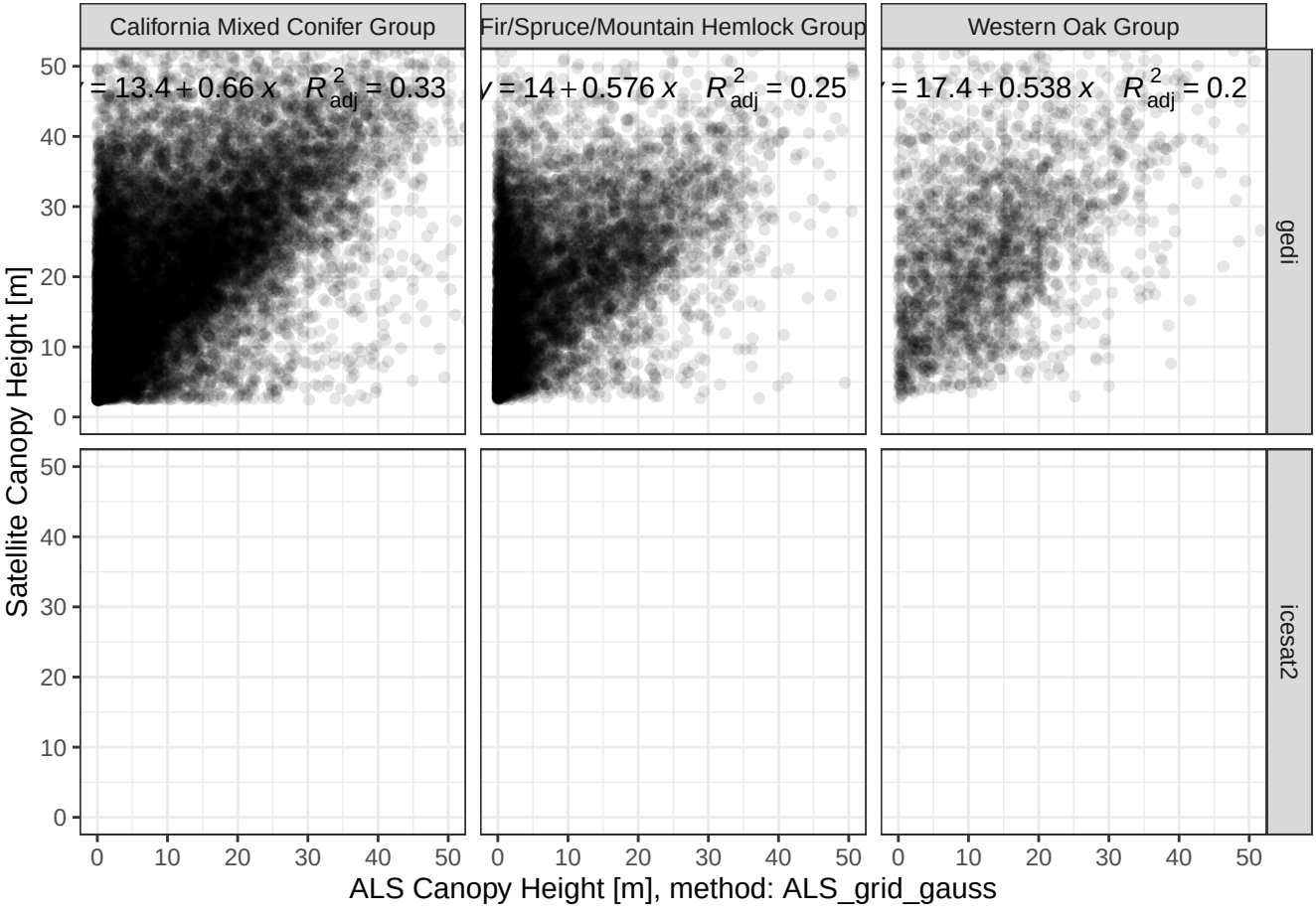
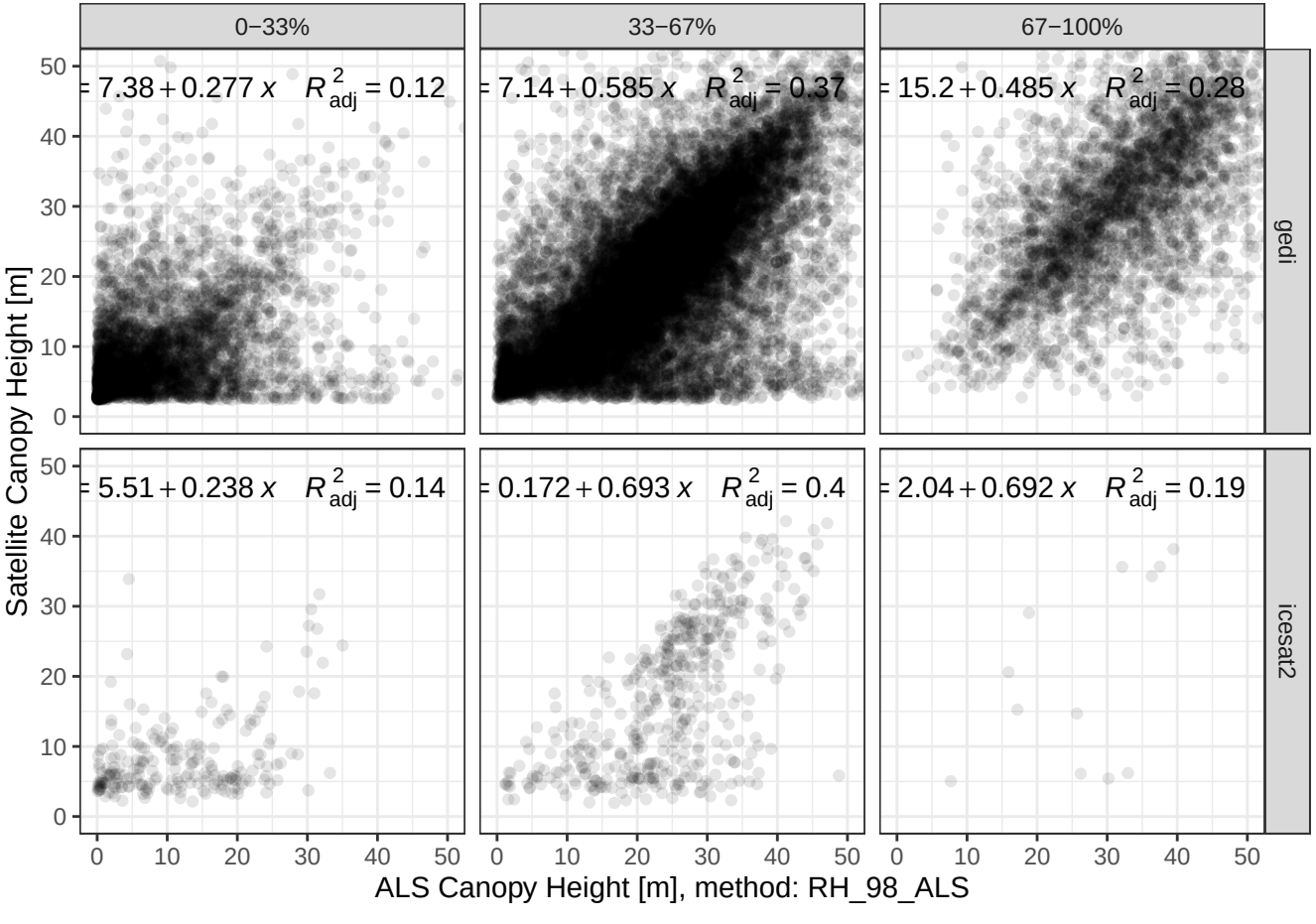
33−67%
67−100%
= 9.07 + 0.406 x R²adj = 0.07
= 15.2 + 0.52 x R²adj = 0.22
= 22.8 + 0.422 x R²adj = 0.17
gedi
icesat2
Satellite Canopy Height [m]
ALS Canopy Height [m], method: ALS_grid_gauss
0
10
20
30
40
50


California Mixed Conifer Group
Fir/Spruce/Mountain Hemlock Group
Western Oak Group
y = 13.4 + 0.66 x R²adj = 0.33
y = 14 + 0.576 x R²adj = 0.25
y = 17.4 + 0.538 x R²adj = 0.2
gedi
icesat2
Satellite Canopy Height [m]
ALS Canopy Height [m], method: ALS_grid_gauss
0
10
20
30
40
50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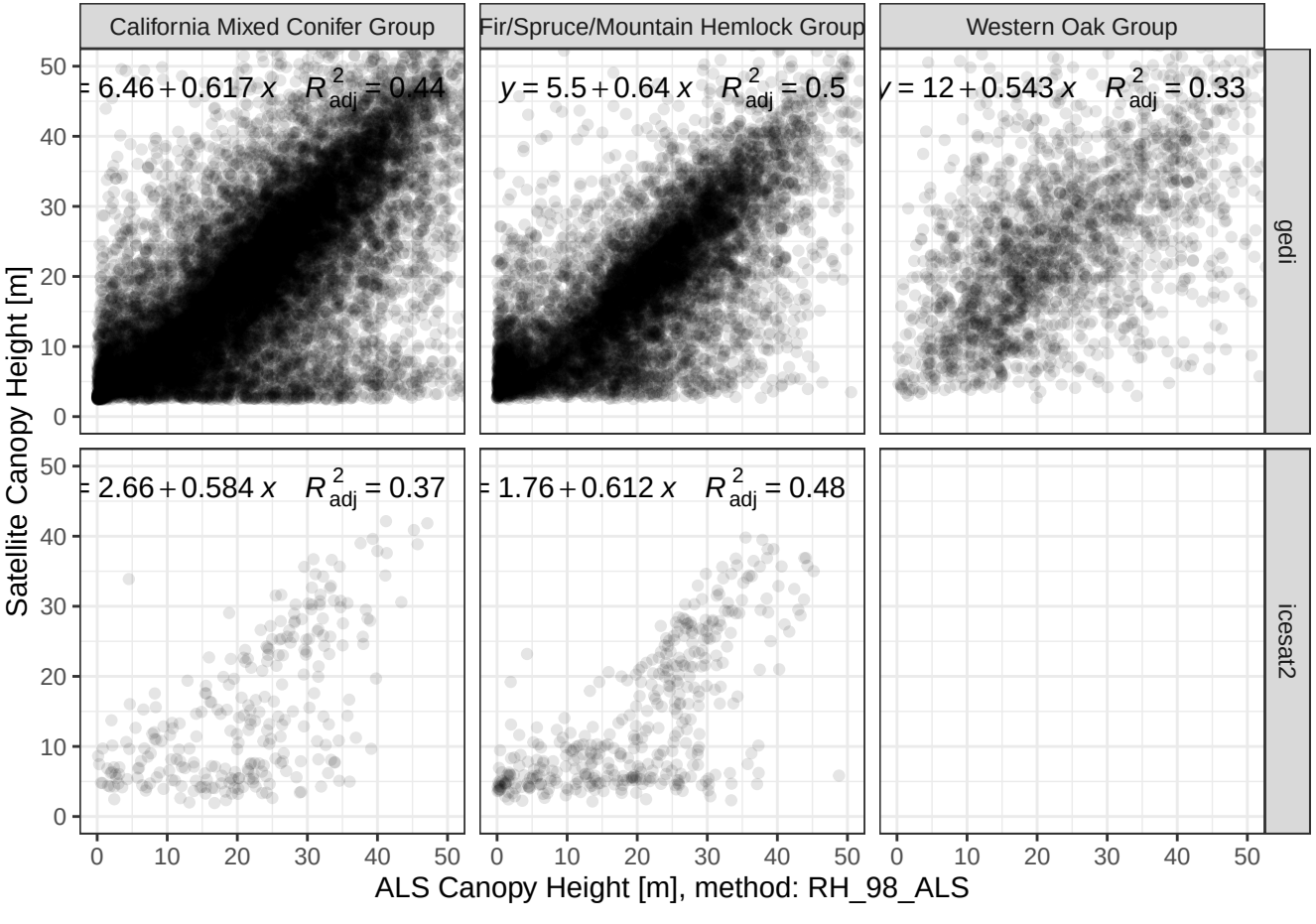
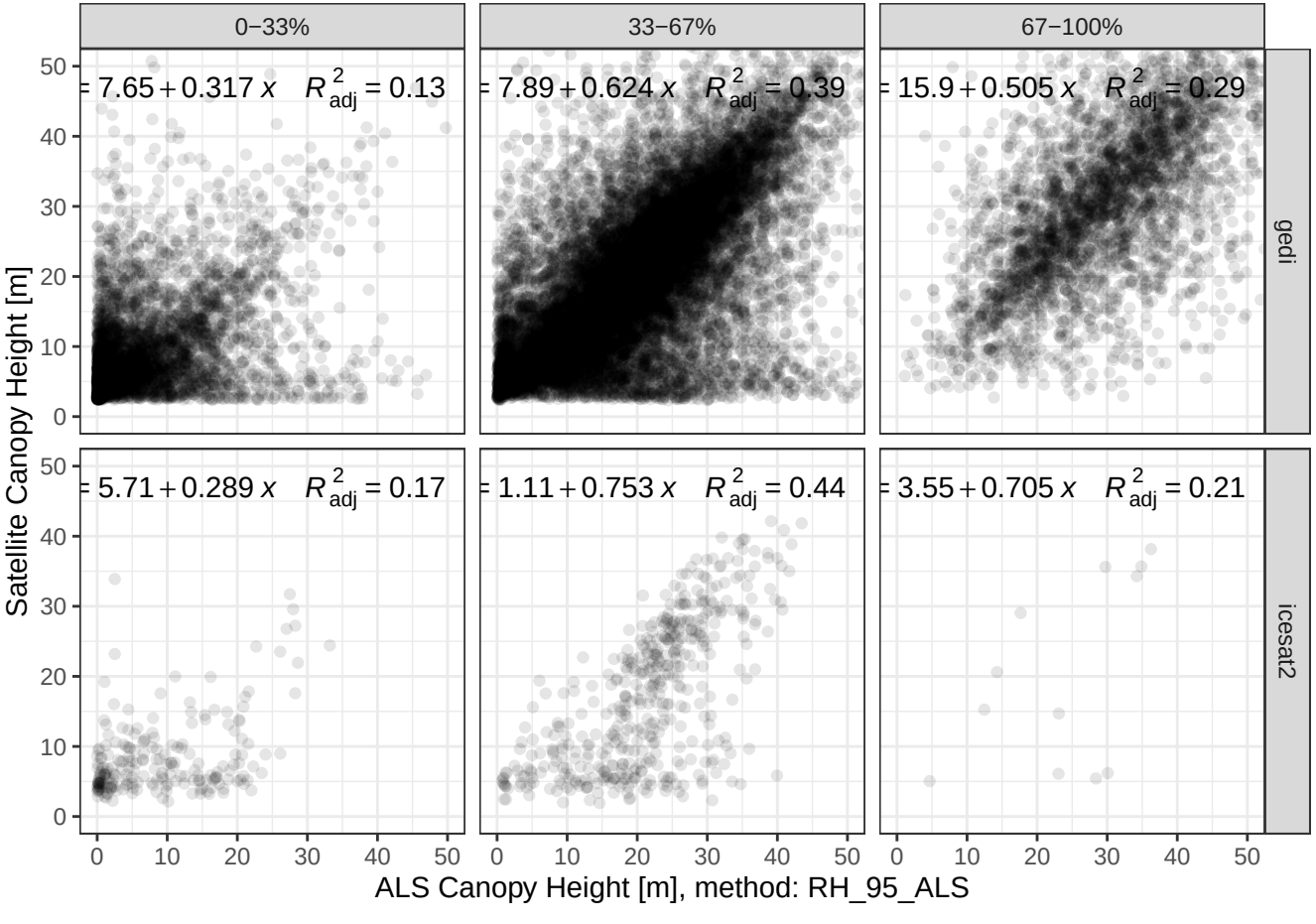
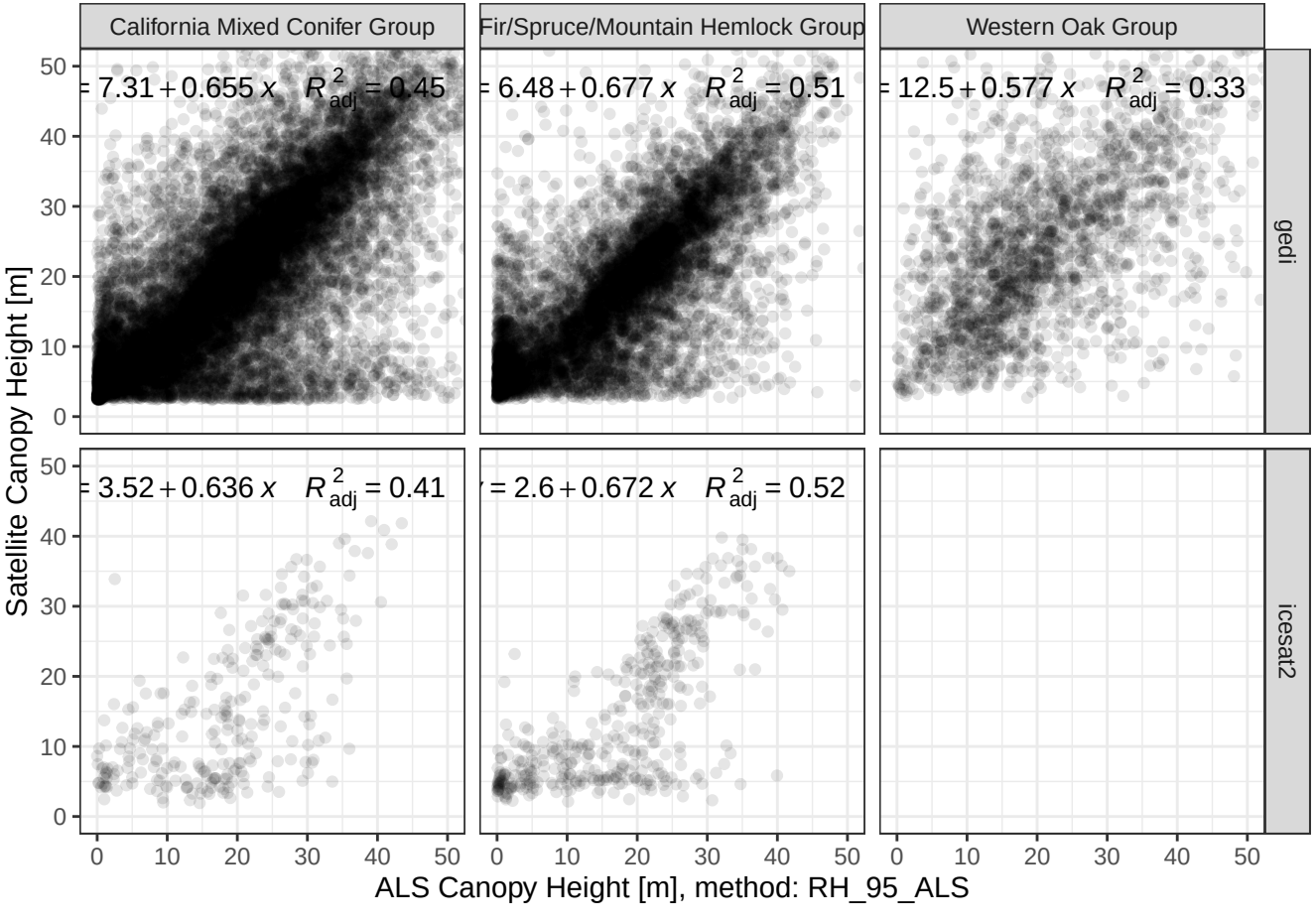
33−67%
67−100%
gedi
icesat2
= 7.38 + 0.277 x R²adj = 0.12
= 7.14 + 0.585 x R²adj = 0.37
= 15.2 + 0.485 x R²adj = 0.28
= 5.51 + 0.238 x R²adj = 0.14
= 0.172 + 0.693 x R²adj = 0.4
= 2.04 + 0.692 x R²adj = 0.19
Satellite Canopy Height [m]
ALS Canopy Height [m], method: RH_98_ALS
0
10
20
30
40
50


California Mixed Conifer Group
Fir/Spruce/Mountain Hemlock Group
Western Oak Group
gedi
icesat2
= 6.46 + 0.617 x R²adj = 0.44
y = 5.5 + 0.64 x R²adj = 0.5
y = 12 + 0.543 x R²adj = 0.33
= 2.66 + 0.584 x R²adj = 0.37
= 1.76 + 0.612 x R²adj = 0.48
Satellite Canopy Height [m]
ALS Canopy Height [m], method: RH_98_ALS
0
10
20
30
40
50


0−33%
33−67%
67−100%
gedi
icesat2
= 7.65 + 0.317 x R²adj = 0.13
= 7.89 + 0.624 x R²adj = 0.39
= 15.9 + 0.505 x R²adj = 0.29
= 5.71 + 0.289 x R²adj = 0.17
= 1.11 + 0.753 x R²adj = 0.44
= 3.55 + 0.705 x R²adj = 0.21
Satellite Canopy Height [m]
ALS Canopy Height [m], method: RH_95_ALS
0
10
20
30
40
50


California Mixed Conifer Group
Fir/Spruce/Mountain Hemlock Group
Western Oak Group
gedi
icesat2
= 7.31 + 0.655 x R²adj = 0.45
= 6.48 + 0.677 x R²adj = 0.51
= 12.5 + 0.577 x R²adj = 0.33
= 3.52 + 0.636 x R²adj = 0.41
= 2.6 + 0.672 x R²adj = 0.52
Satellite Canopy Height [m]
ALS Canopy Height [m], method: RH_95_ALS
0
10
20
30
40
50