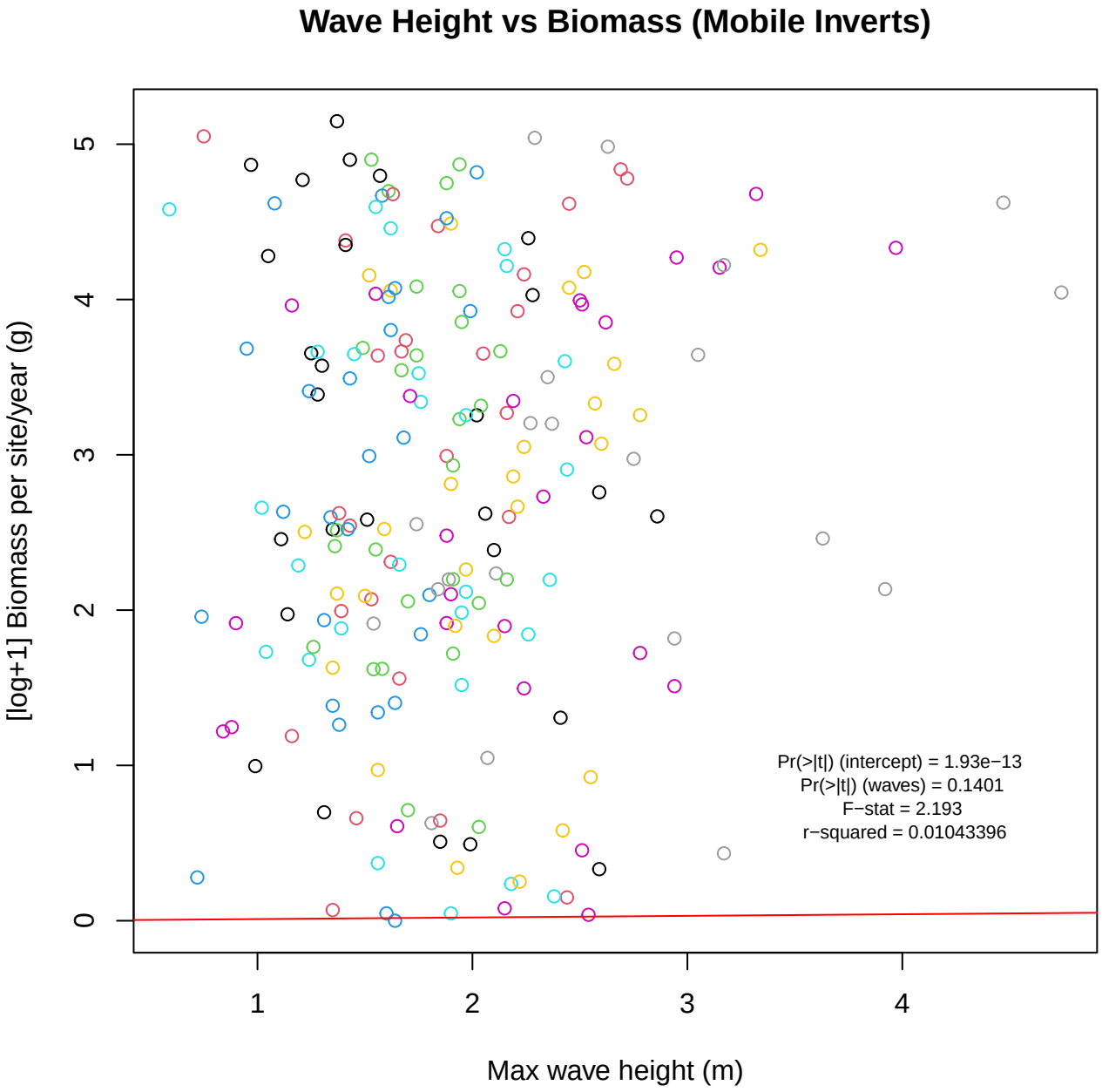
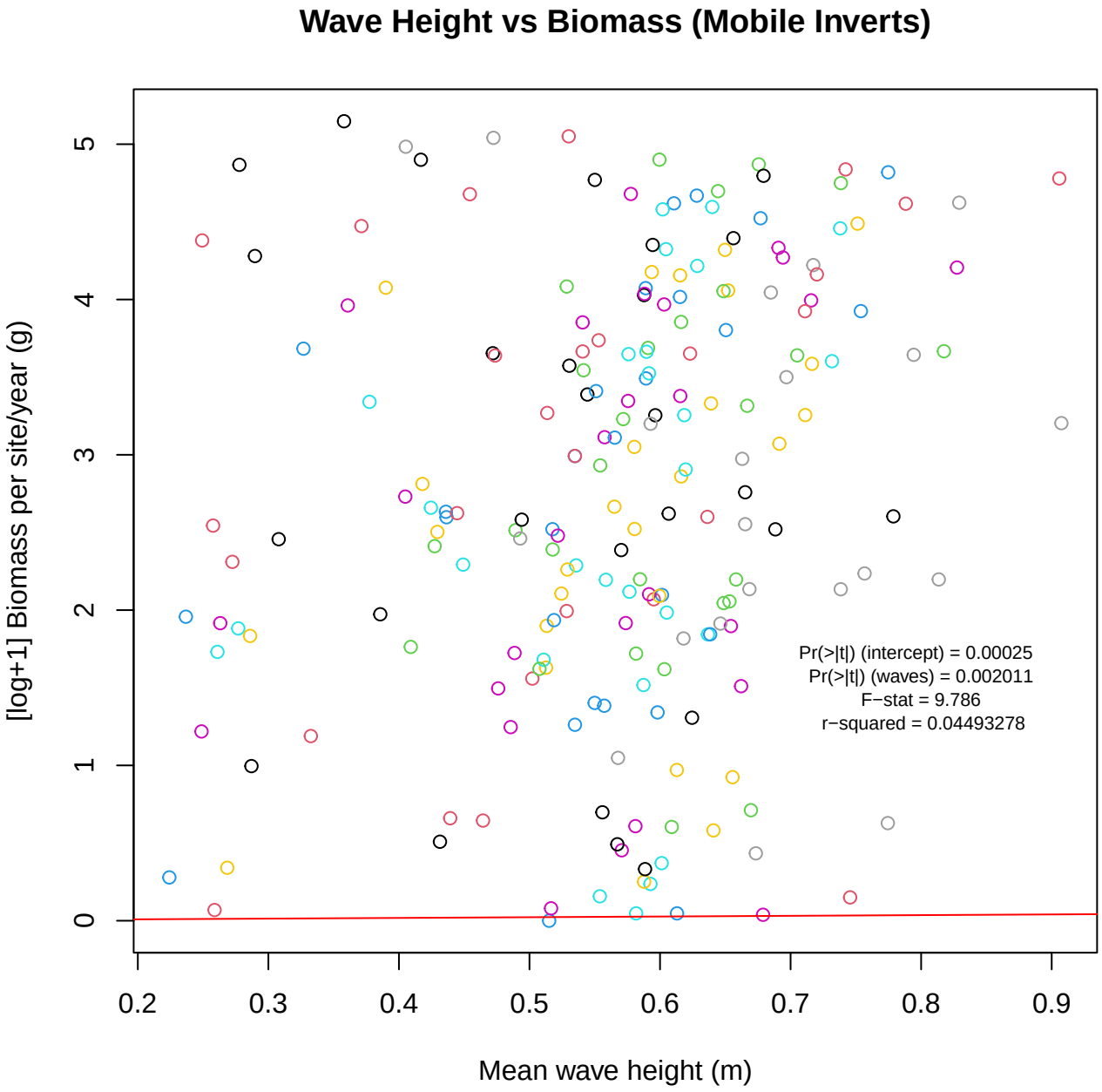
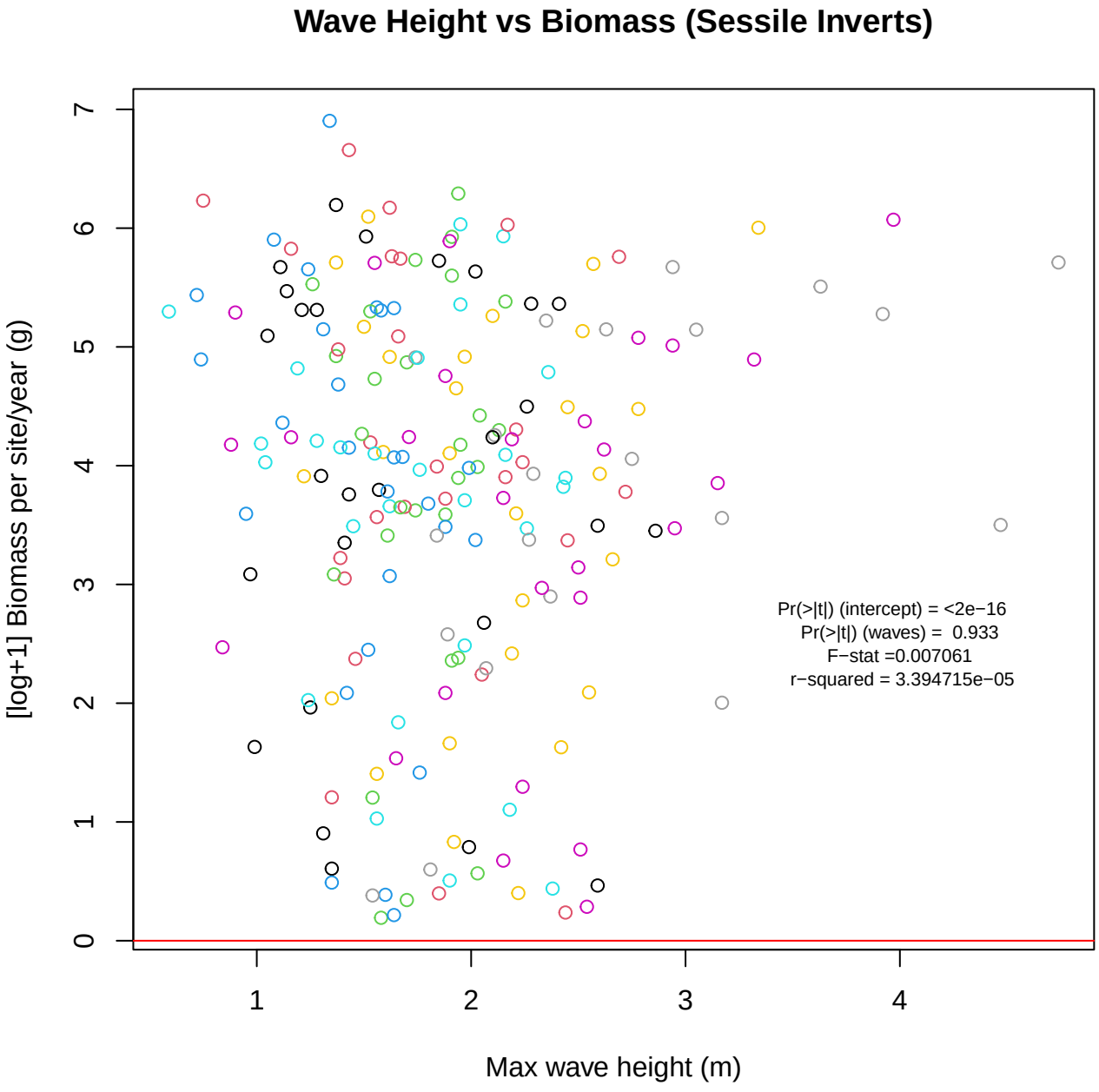
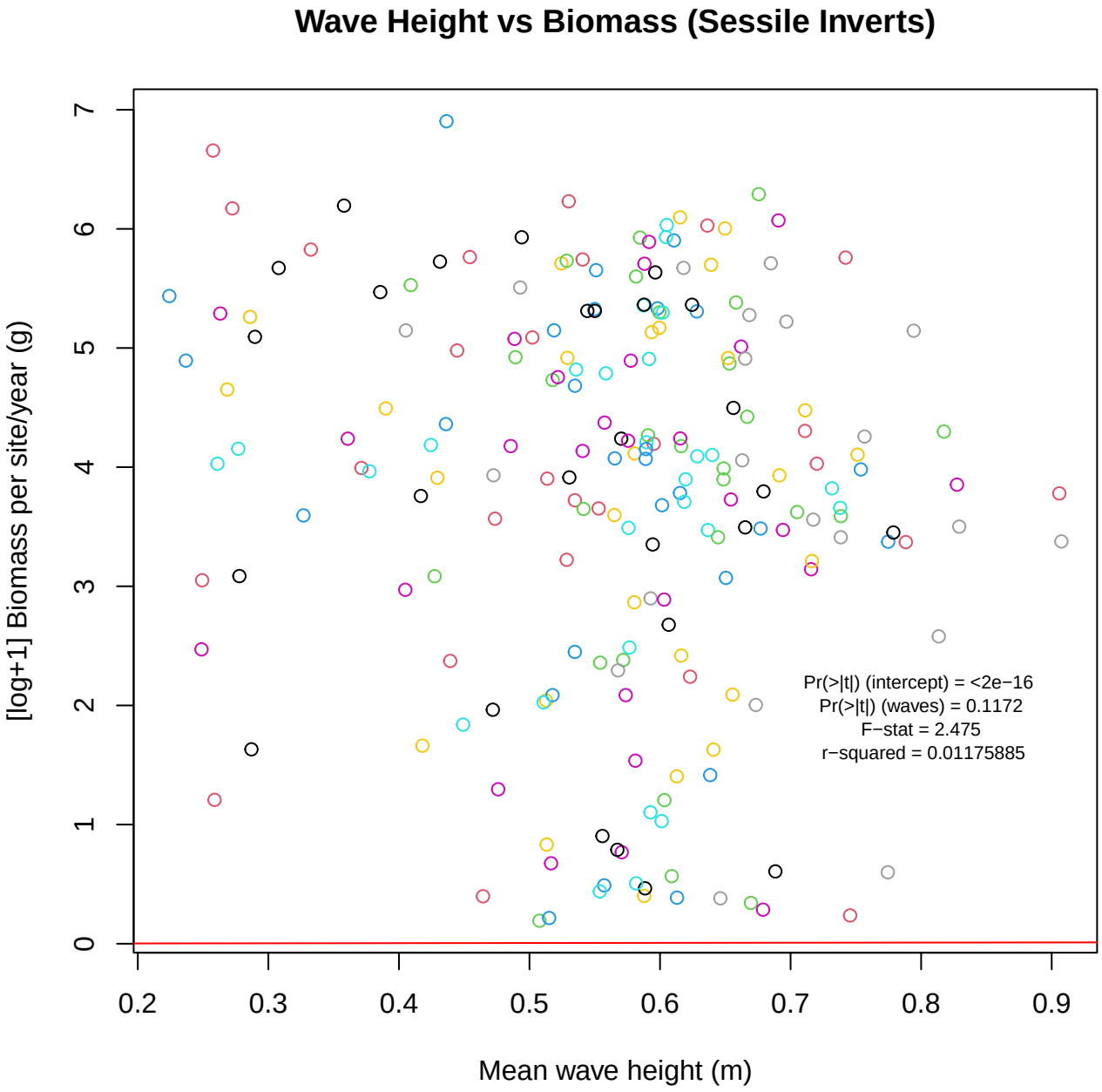
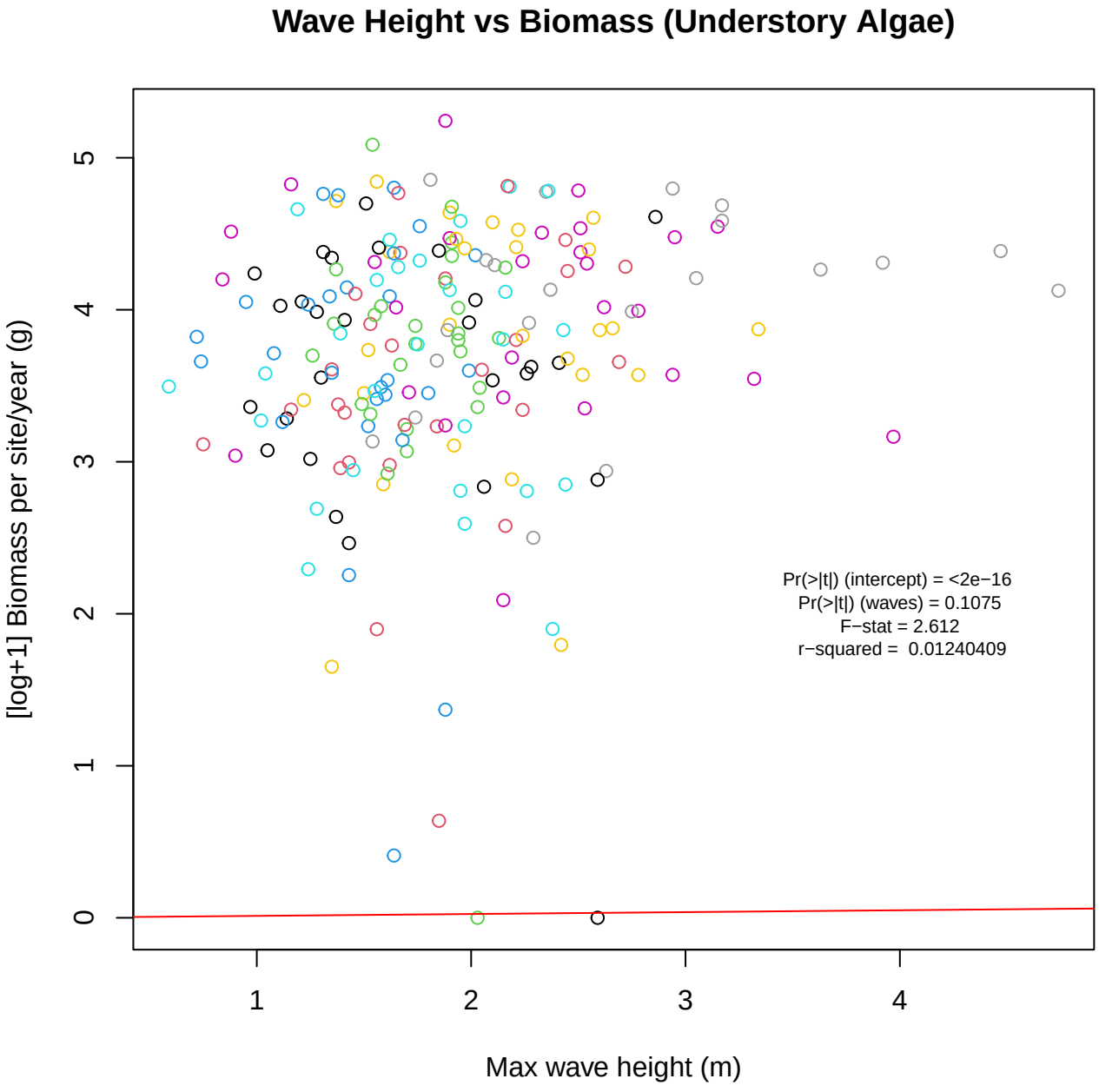
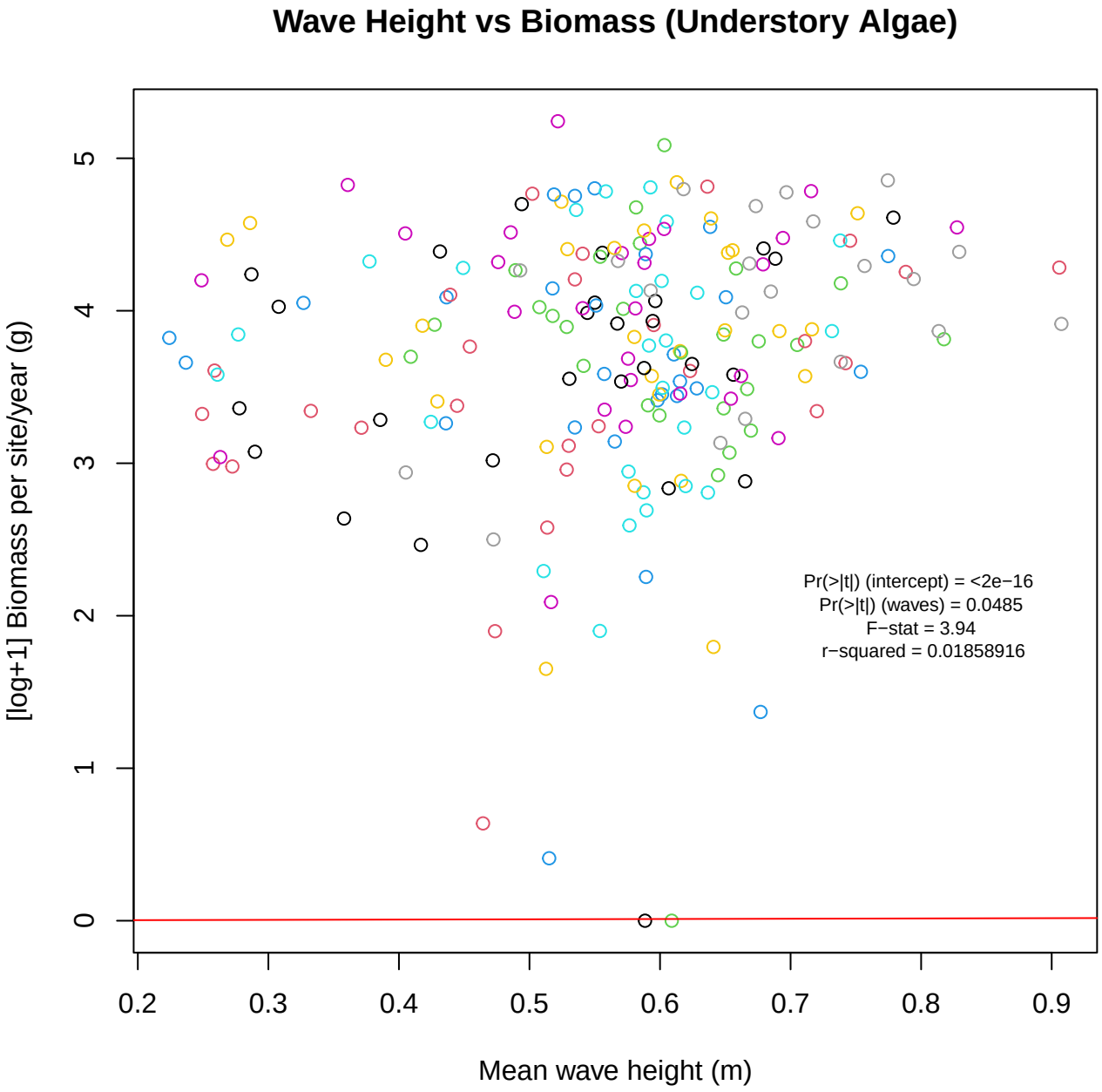

Wave Height vs Biomass (Mobile Inverts)
[log+1] Biomass per site/year (g)
Max wave height (m)
0
1
2
3
4
5
1
2
3
4
Pr(>|t|) (intercept) = 1.93e−13
Pr(>|t|) (waves) = 0.1401
F−stat = 2.193
r−squared = 0.01043396

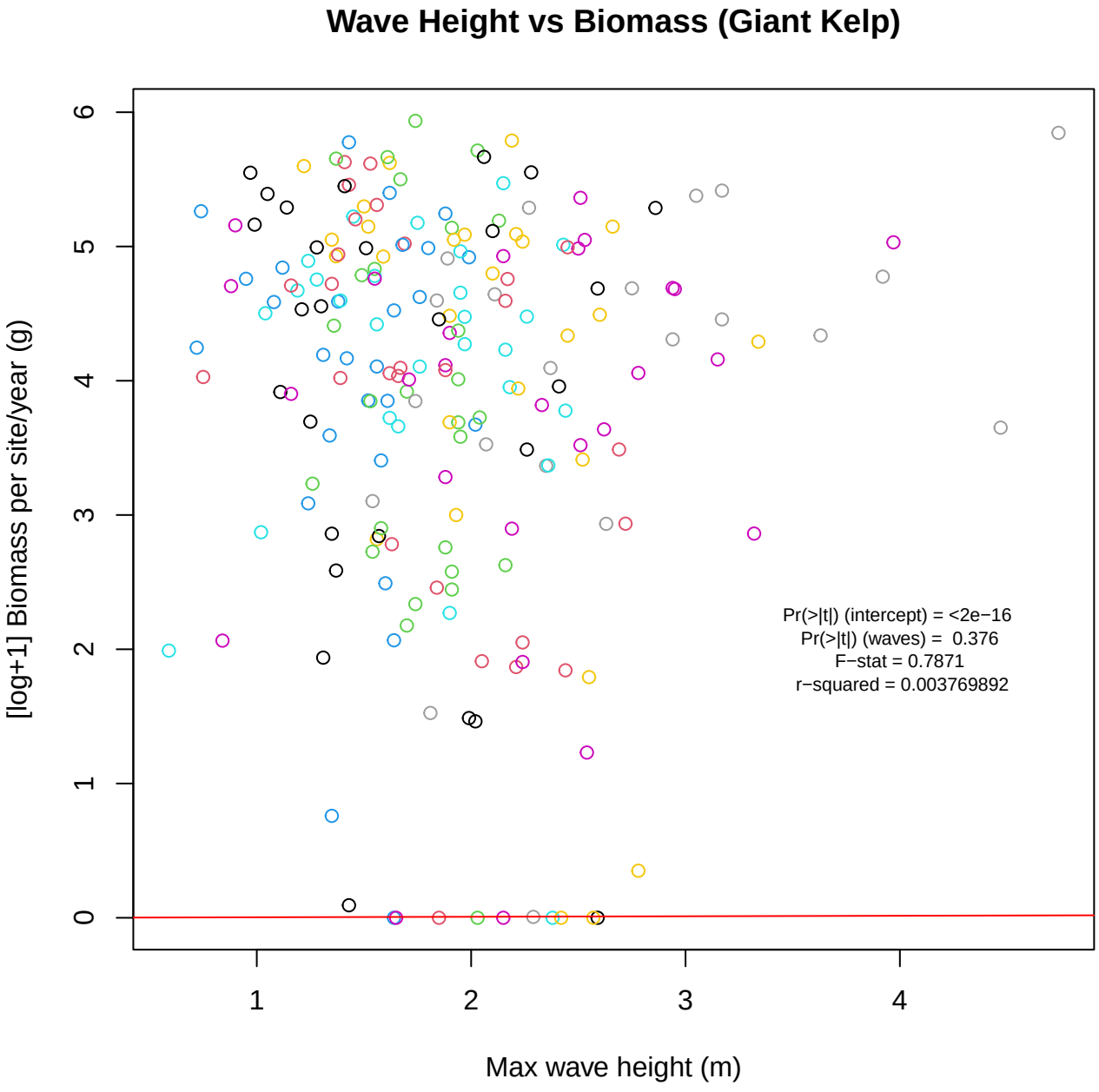

Wave Height vs Biomass (Mobile Inverts)
[log+1] Biomass per site/year (g)
Mean wave height (m)
0
1
2
3
4
5
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Pr(>|t|) (intercept) = 0.00025
Pr(>|t|) (waves) = 0.002011
F−stat = 9.786
r−squared = 0.04493278

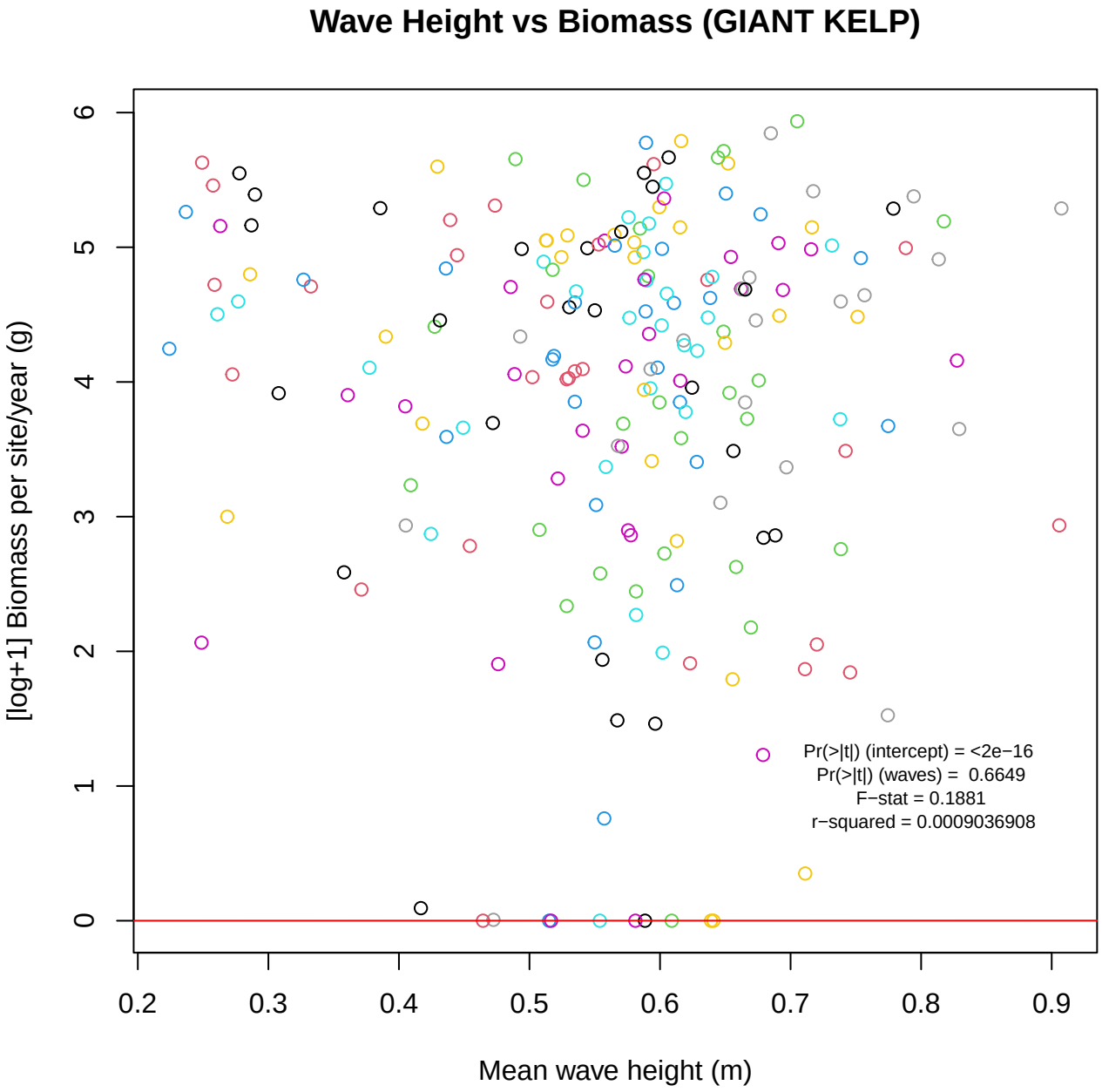

Wave Height vs Biomass (Sessile Inverts)
[log+1] Biomass per site/year (g)
Max wave height (m)
0
1
2
3
4
5
6
7
1
2
3
4
Pr(>|t|) (intercept) = <2e−16
Pr(>|t|) (waves) = 0.933
F−stat =0.007061
r−squared = 3.394715e−05

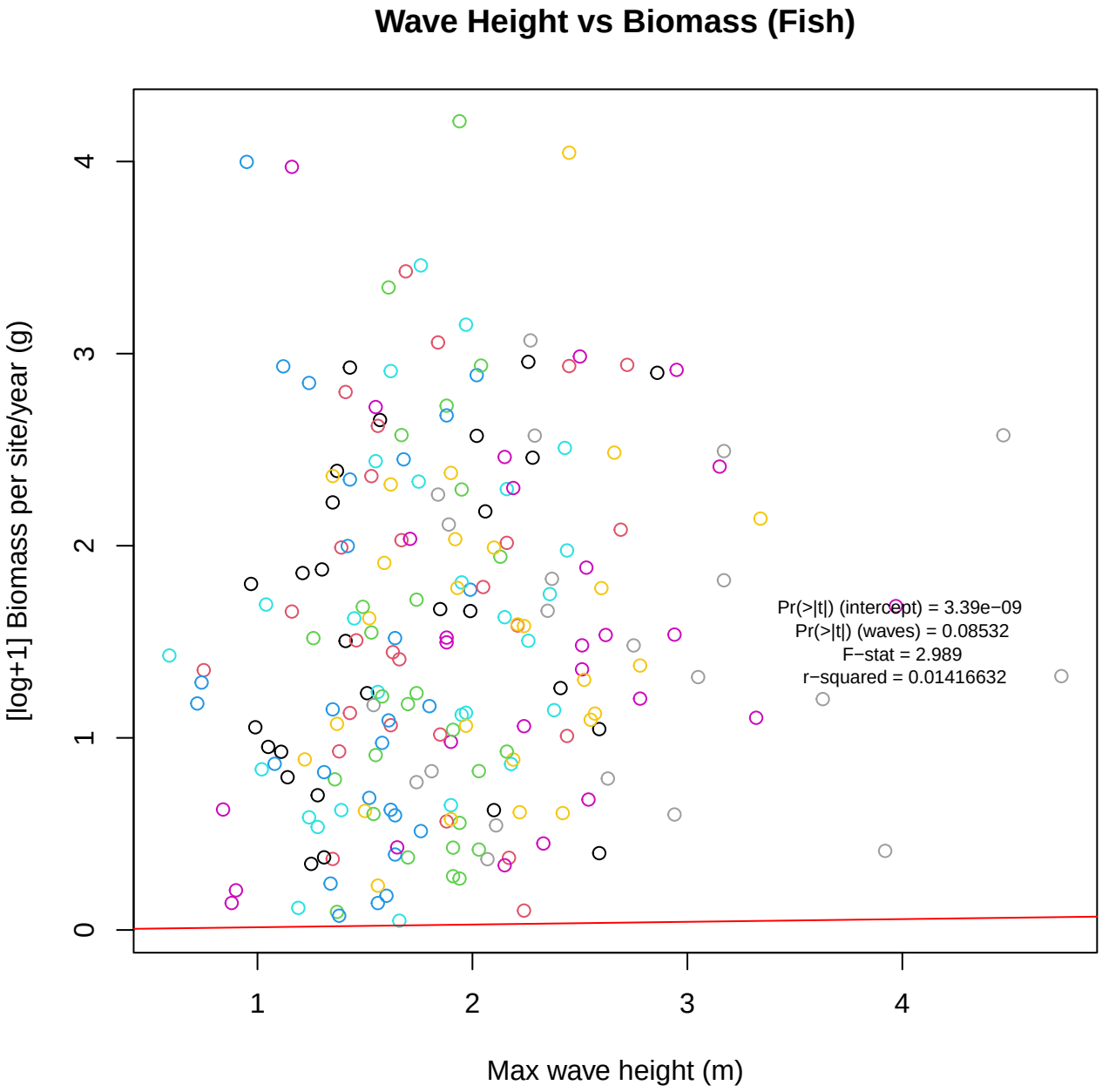

Wave Height vs Biomass (Sessile Inverts)
[log+1] Biomass per site/year (g)
Mean wave height (m)
0
1
2
3
4
5
6
7
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Pr(>|t|) (intercept) = <2e−16
Pr(>|t|) (waves) = 0.1172
F−stat = 2.475
r−squared = 0.01175885

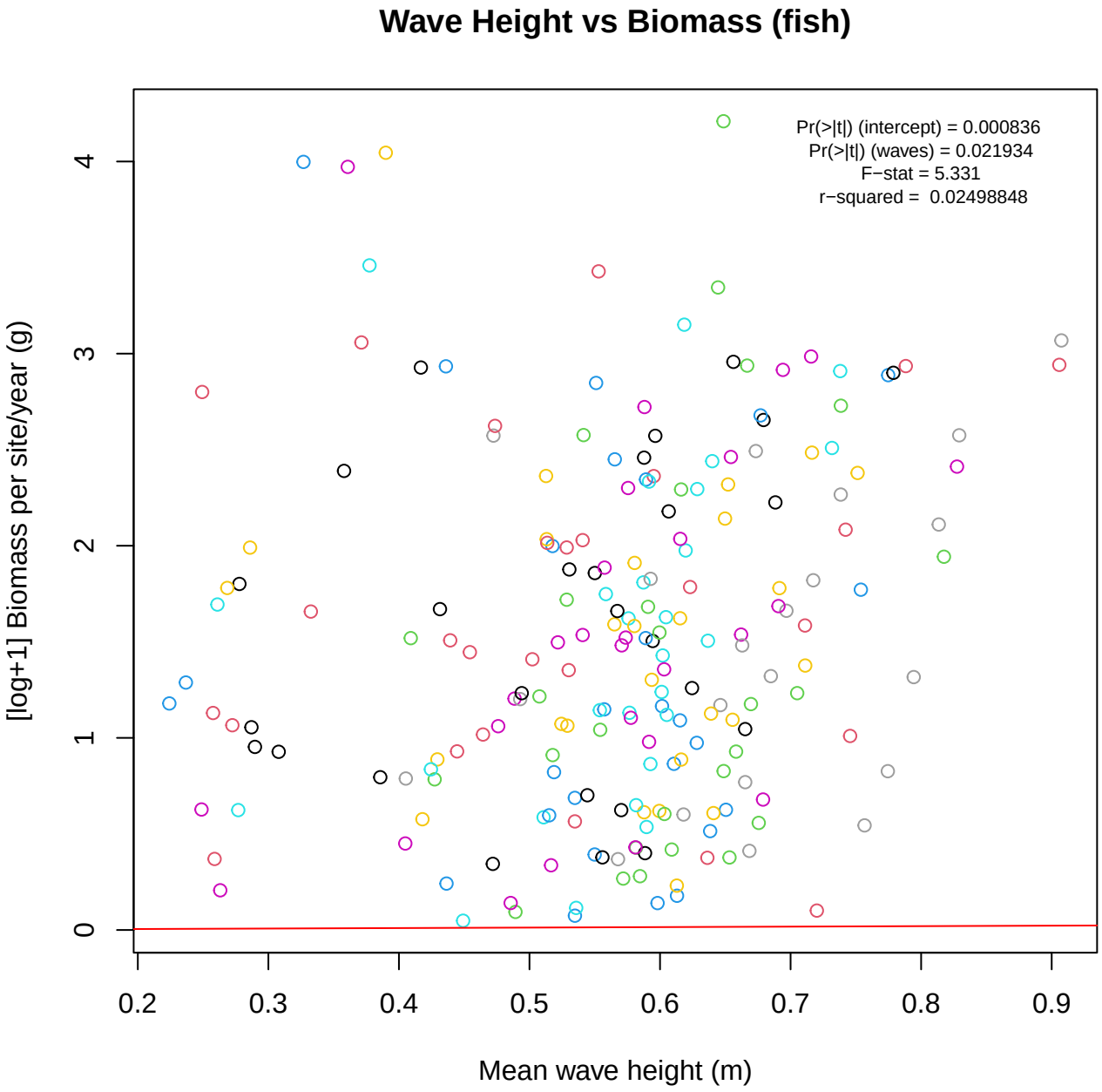

Wave Height vs Biomass (Understory Algae)
[log+1] Biomass per site/year (g)
Max wave height (m)
0
1
2
3
4
5
1
2
3
4
Pr(>|t|) (intercept) = <2e−16
Pr(>|t|) (waves) = 0.1075
F−stat = 2.612
r−squared = 0.01240409


Wave Height vs Biomass (Understory Algae)
[log+1] Biomass per site/year (g)
Mean wave height (m)
0
1
2
3
4
5
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Pr(>|t|) (intercept) = <2e−16
Pr(>|t|) (waves) = 0.0485
F−stat = 3.94
r−squared = 0.01858916


Wave Height vs Biomass (Giant Kelp)
[log+1] Biomass per site/year (g)
0
1
2
3
4
5
6
1
2
3
4
Max wave height (m)
Pr(>|t|) (intercept) = <2e−16
Pr(>|t|) (waves) = 0.376
F−stat = 0.7871
r−squared = 0.003769892


Wave Height vs Biomass (GIANT KELP)
[log+1] Biomass per site/year (g)
0
1
2
3
4
5
6
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Mean wave height (m)
Pr(>|t|) (intercept) = <2e−16
Pr(>|t|) (waves) = 0.6649
F−stat = 0.1881
r−squared = 0.0009036908


Wave Height vs Biomass (Fish)
[log+1] Biomass per site/year (g)
Max wave height (m)
0
1
2
3
4
1
2
3
4
Pr(>|t|) (intercept) = 3.39e−09
Pr(>|t|) (waves) = 0.08532
F−stat = 2.989
r−squared = 0.01416632


Wave Height vs Biomass (fish)
Pr(>|t|) (intercept) = 0.000836
Pr(>|t|) (waves) = 0.021934
F−stat = 5.331
r−squared = 0.02498848
[log+1] Biomass per site/year (g)
0
1
2
3
4
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Mean wave height (m)