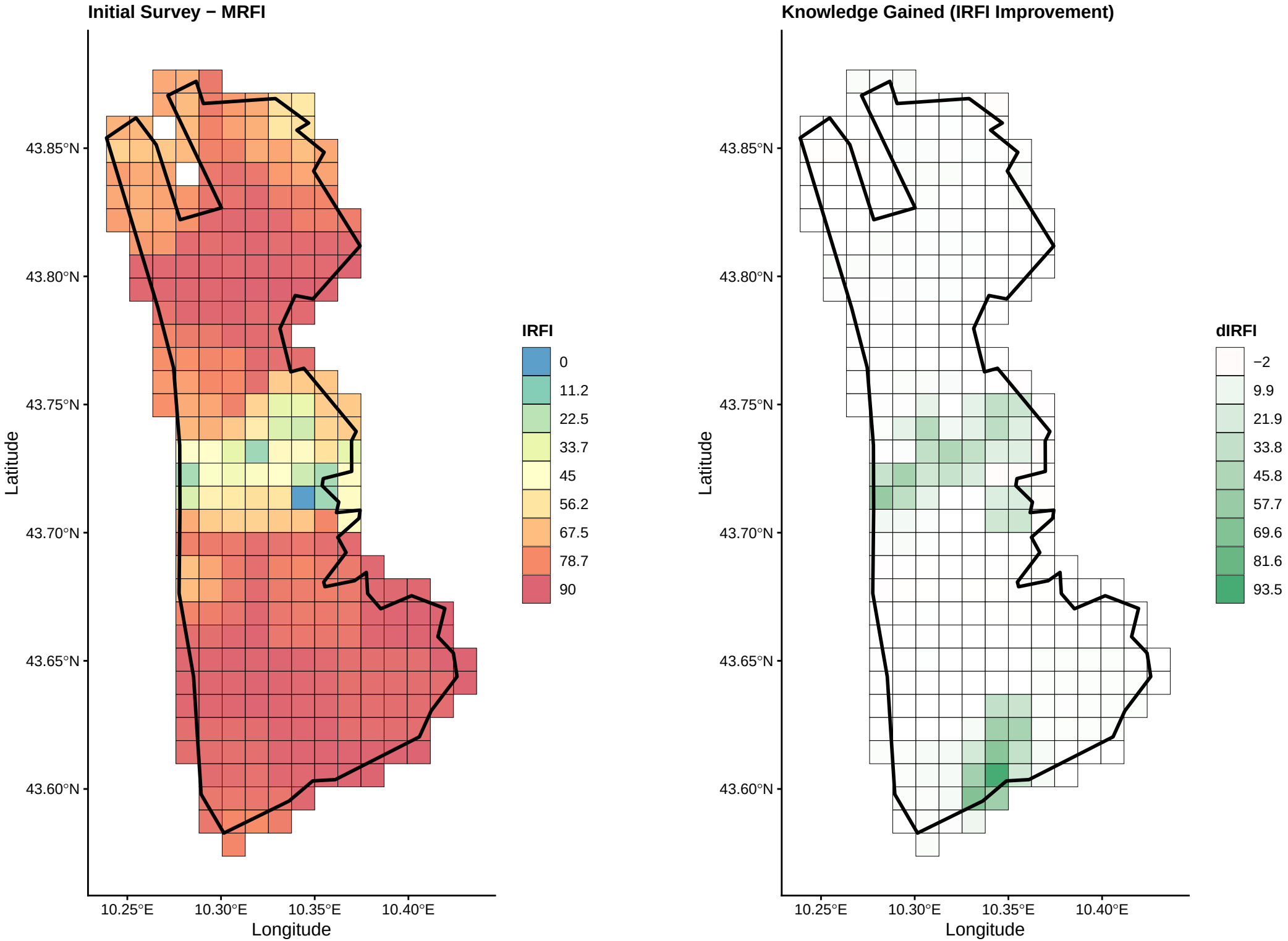
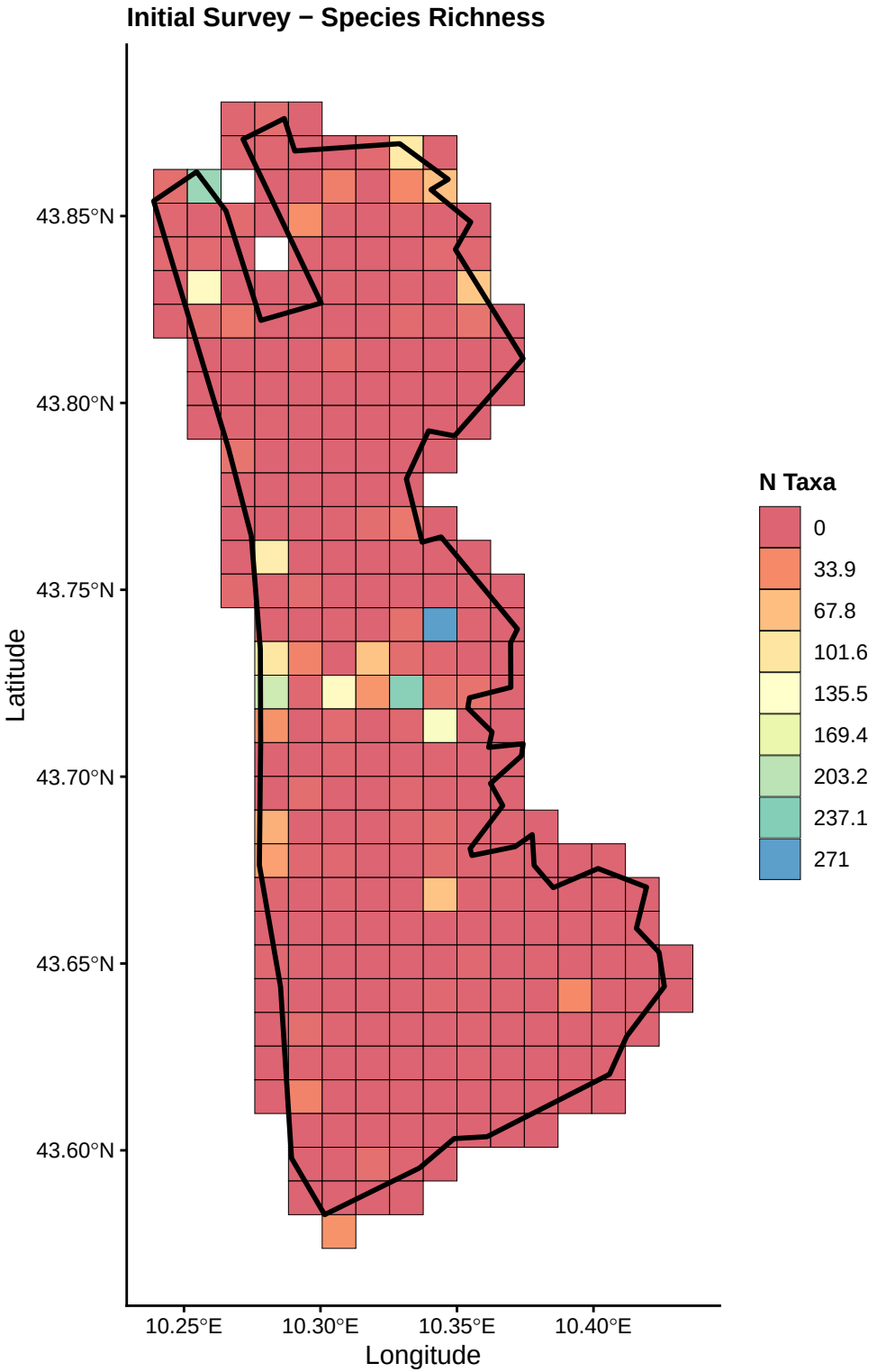
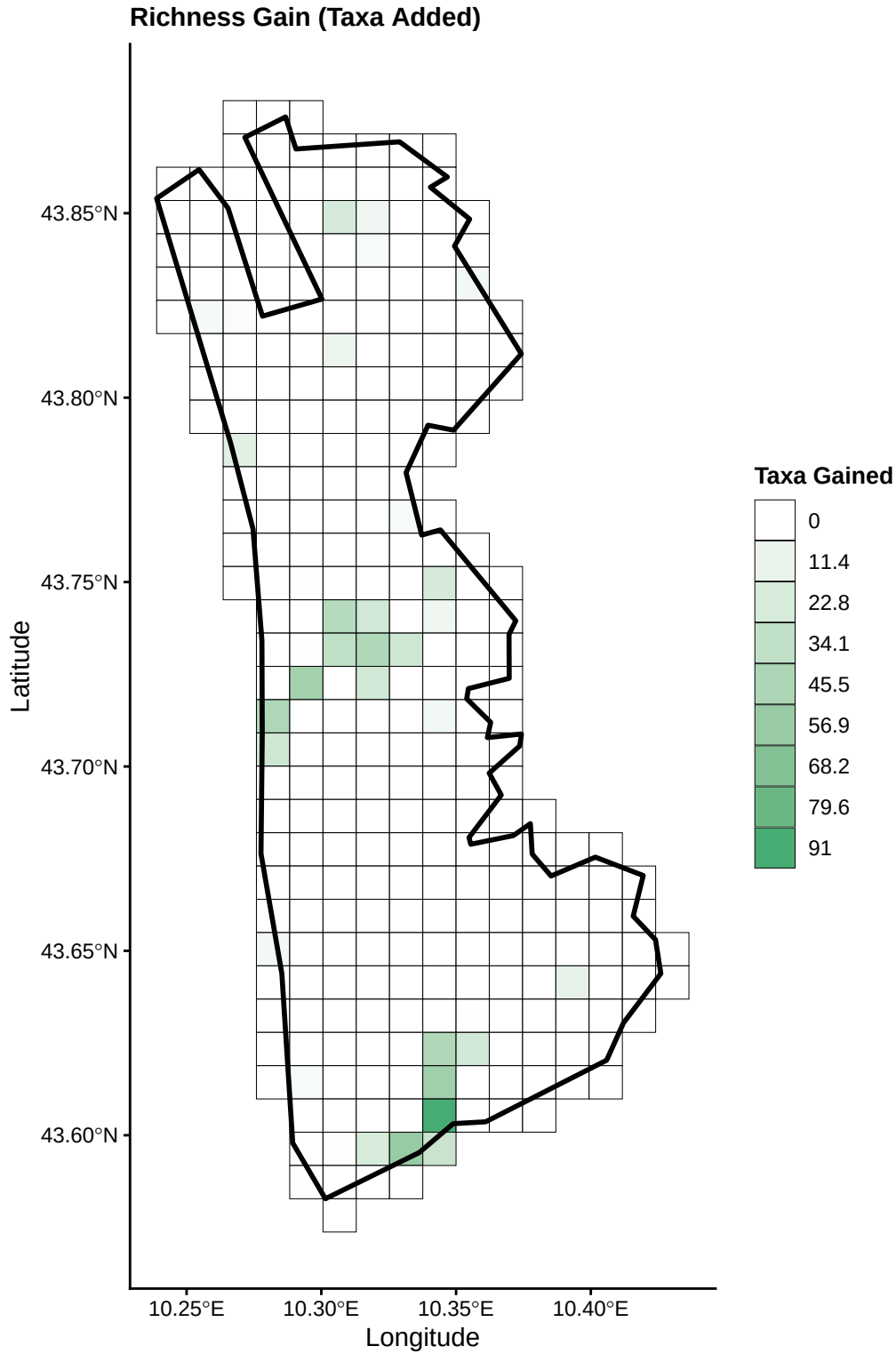
Page 1: Initial State vs Knowledge Gained



Page 2: Initial Richness vs Richness Gain

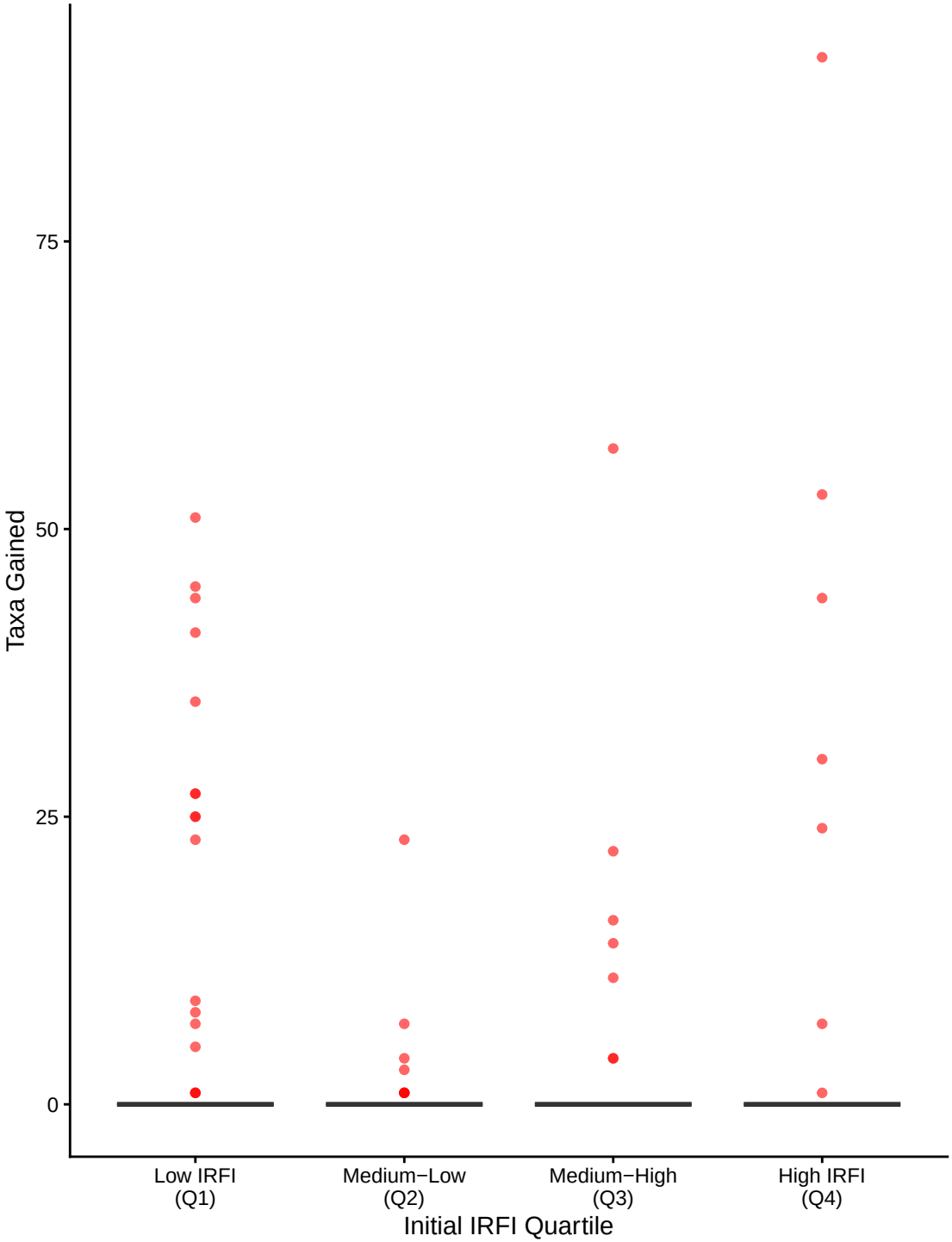




Page 3: Knowledge Gain Analysis

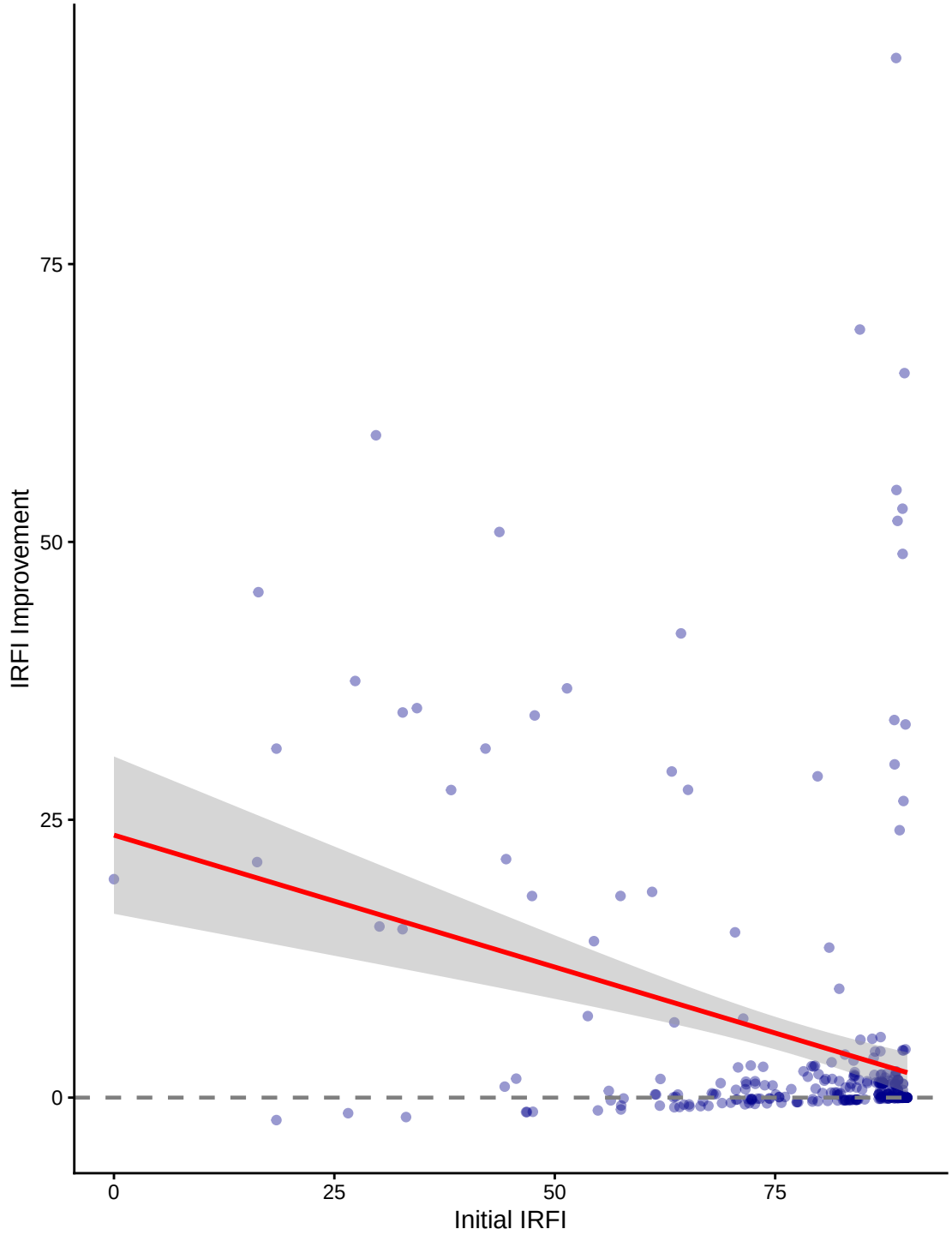
Richness Gain by Initial IRFI Category

Did high−ignorance cells gain more taxa? (Kruskal−Wallis: p = 0.035)



Targeting Efficiency (r = −0.29)

Positive correlation = effective targeting (p < 0.001)



Page 4: Summary Statistics

Statistic	Value
Analysis timestamp	2025−12−01 12:10:37.851845
Elapsed time (secs)	538.95
Comparison method	Incremental (fixed baseline)
Valid cells analyzed	294
Mean IRFI (initial)	77.63
Mean IRFI (updated)	72.44
Mean IRFI improvement	5.18
Mean IRFI improvement (%)	6.7
Median IRFI improvement	0.6
Cells improved (%)	65.3
Cells worsened (%)	34
Mean richness (initial)	9.1
Mean richness (updated)	11.8
Mean richness gain	2.7
Total taxa discovered	9
Correlation (IRFI vs improvement)	−0.293
Targeting efficiency score	72.8