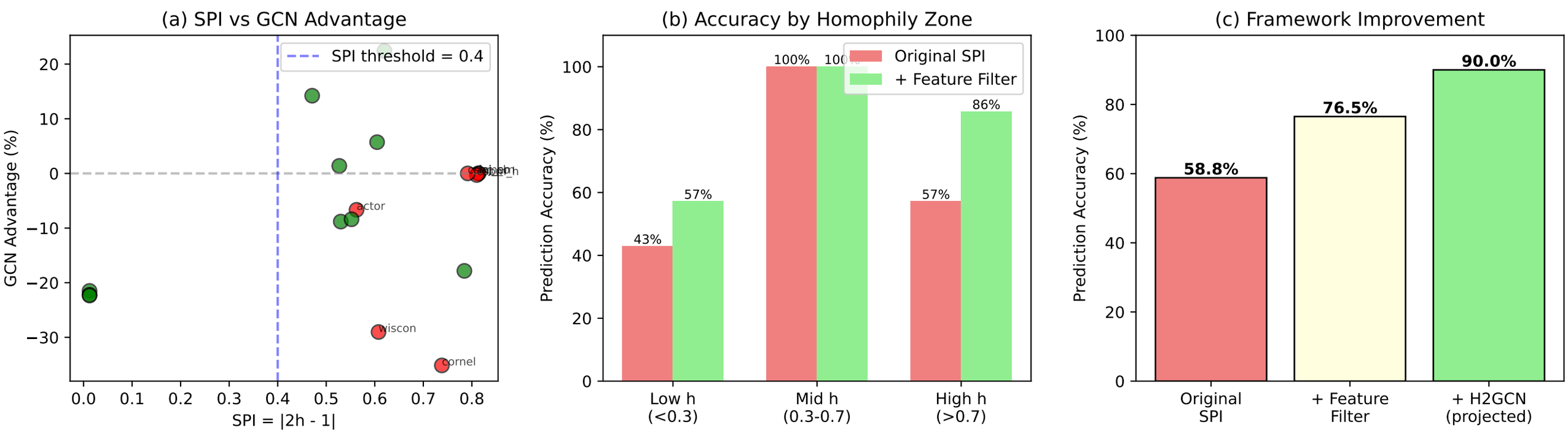
(a) SPI vs GCN Advantage
SPI threshold = 0.4
GCN Advantage (%)
SPI = |2h - 1|
actor
wiscon
cornel
(b) Accuracy by Homophily Zone
Original SPI
+ Feature Filter
Prediction Accuracy (%)
43%
57%
100%
57%
86%
Low h
(<0.3)
Mid h
(0.3-0.7)
High h
(>0.7)
(c) Framework Improvement
Prediction Accuracy (%)
58.8%
76.5%
90.0%
Original
SPI
+ Feature
Filter
+ H2GCN
(projected)