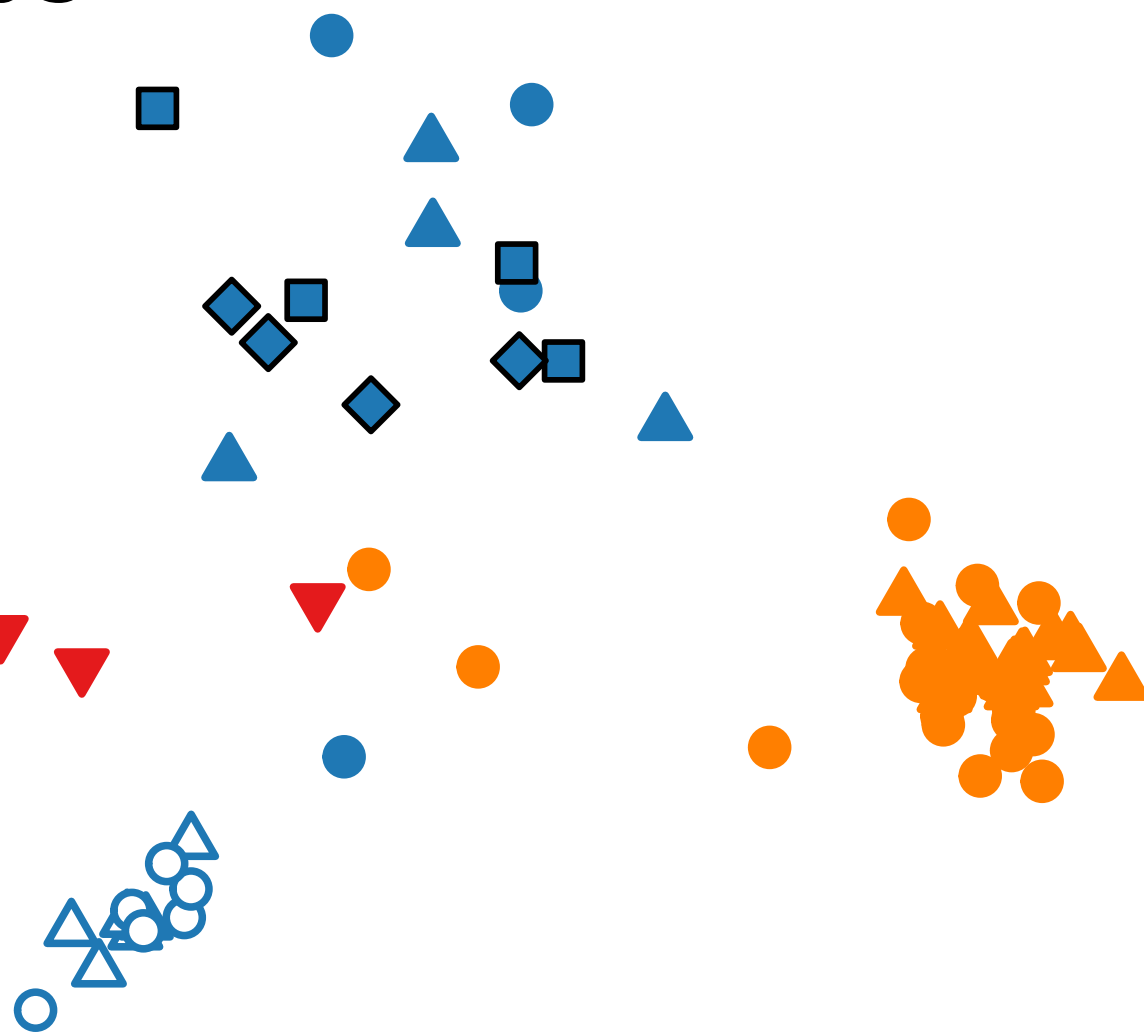


(a) 16S

PC2 (25.2%)

PERMANOVA (Environment vs. Control),  $p = 0.009$

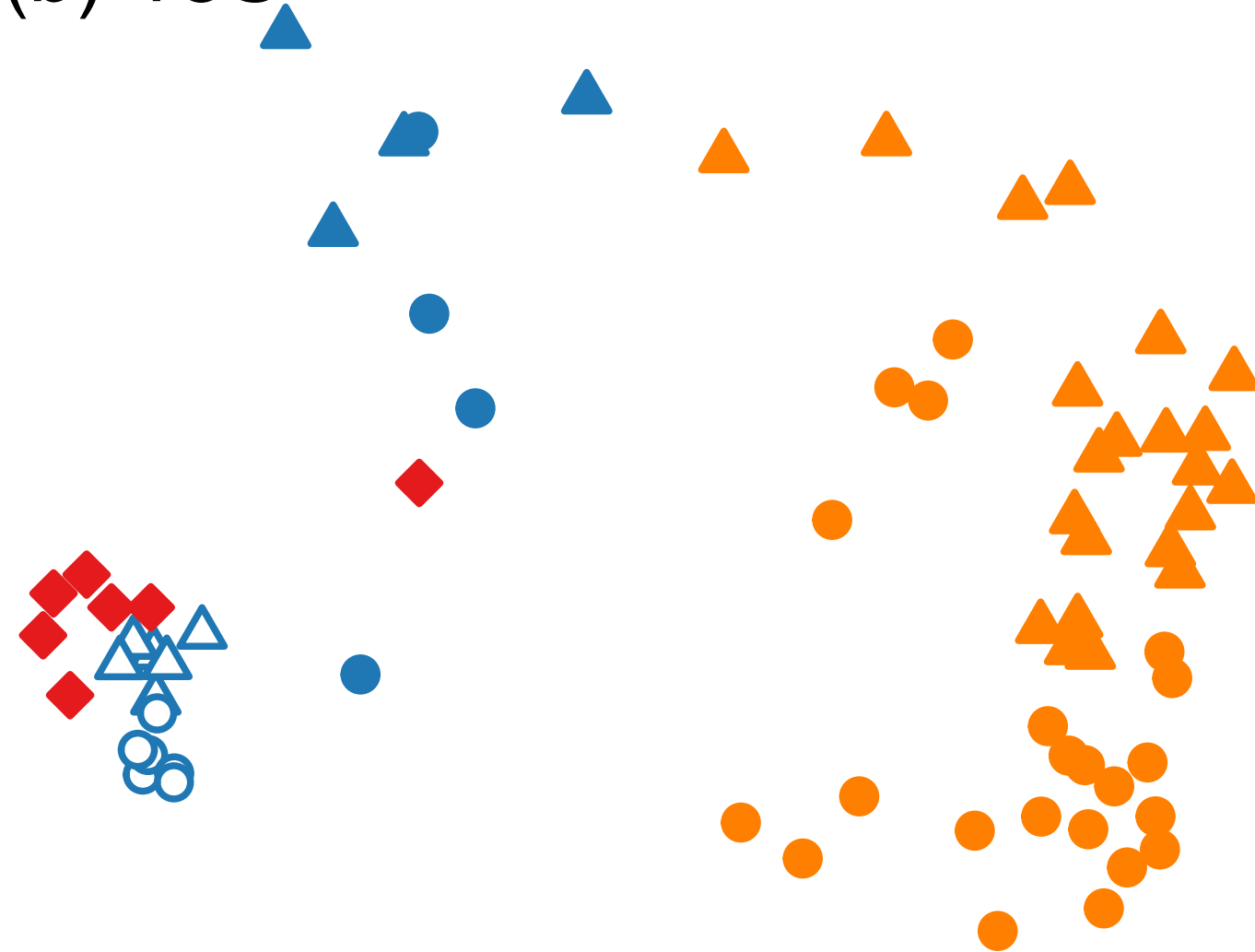


PC1 (59.3%)

(b) 18S

PC2 (24.1%)

PERMANOVA (Environment vs. Control),  $p = 0.002$

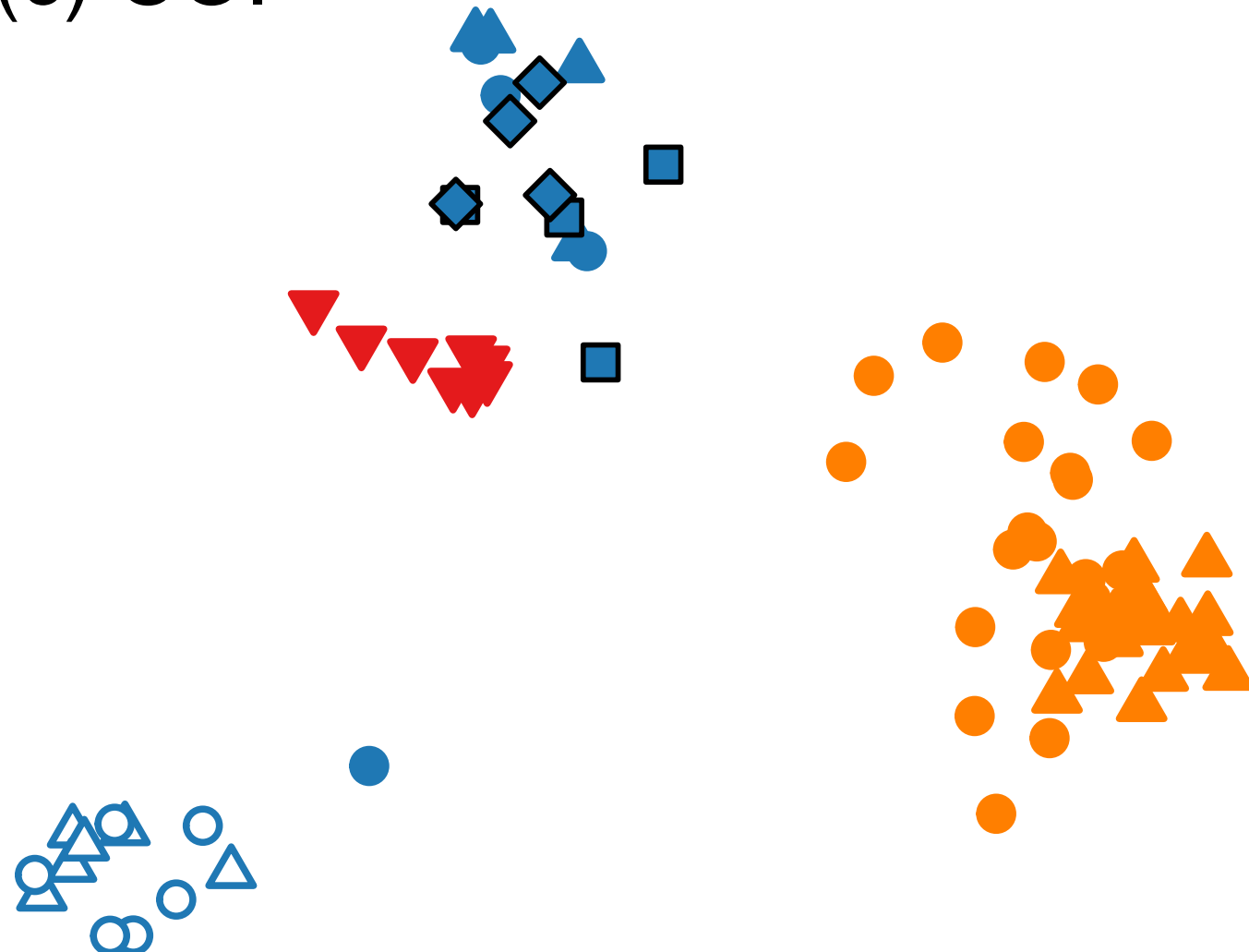


PC1 (65.9%)

(c) COI

PC2 (33.3%)

PERMANOVA (Environment vs. Control),  $p = 0.023$

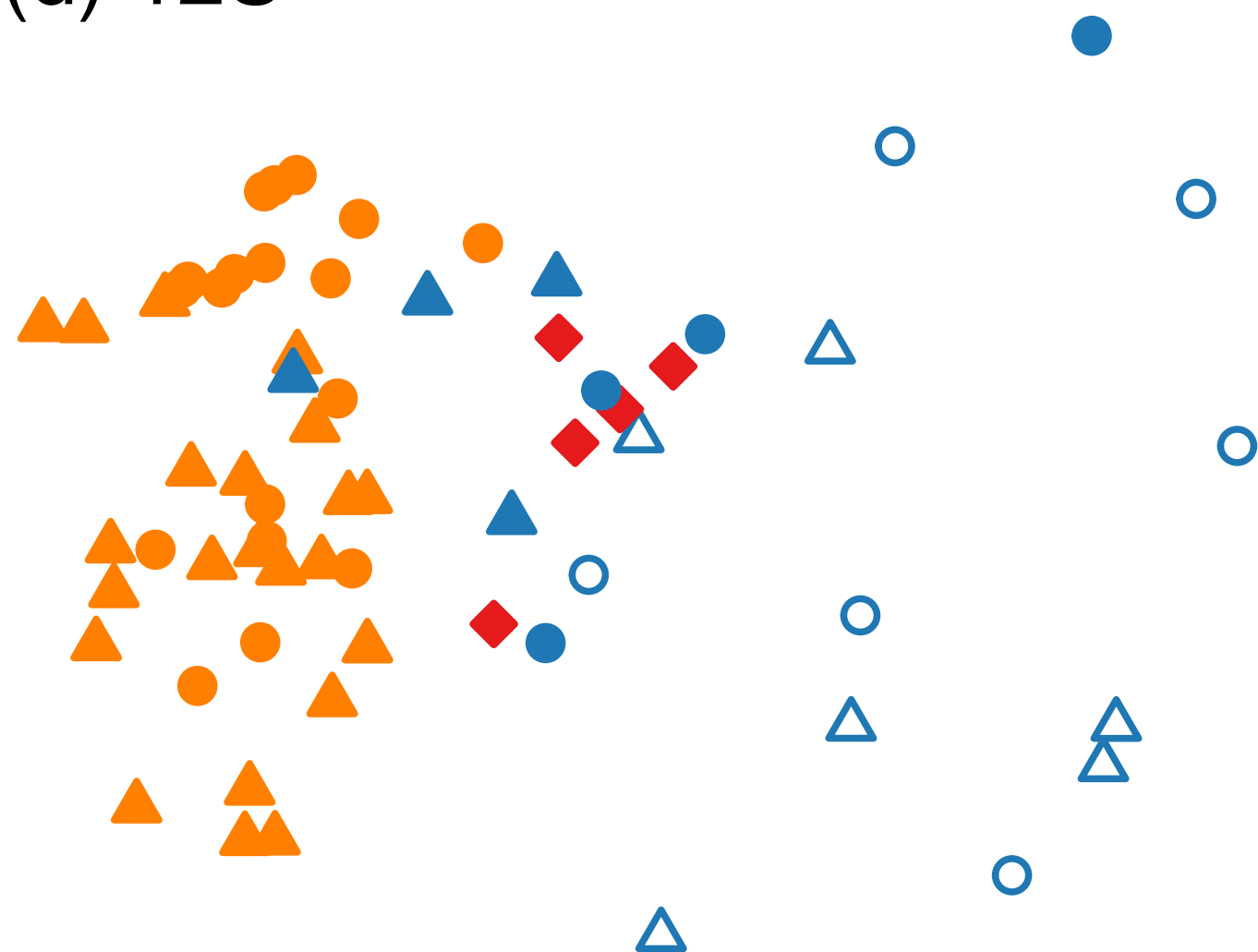


PC1 (57.5%)

(d) 12S

PC2 (34.2%)

PERMANOVA (Environment vs. Control),  $p = 0.632$



PC1 (60.2%)

Sampling Method

- ▲ Autonomous
- Shipboard
- ◆ Benchtap ESP (2017)
- Shipboard (2017)
- ▼ Negative Control

Season/Depth

- ▲/● Fall (shallow)
- ▲/●/◆/■ Spring (shallow)
- ▲/○ Spring (deep)