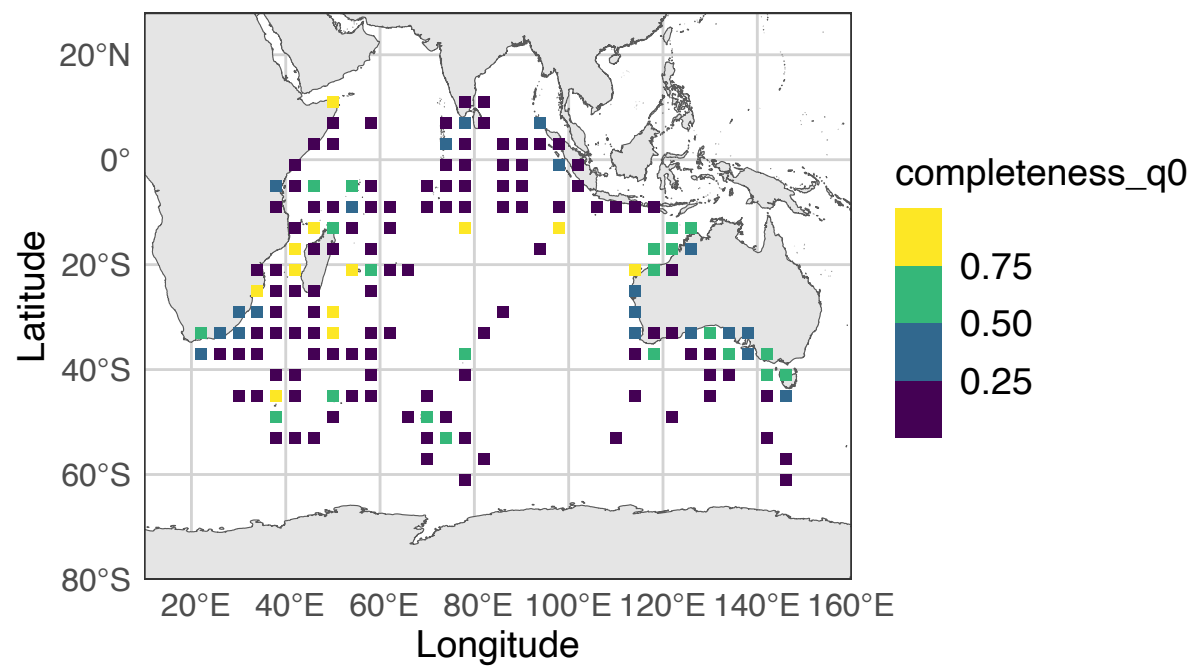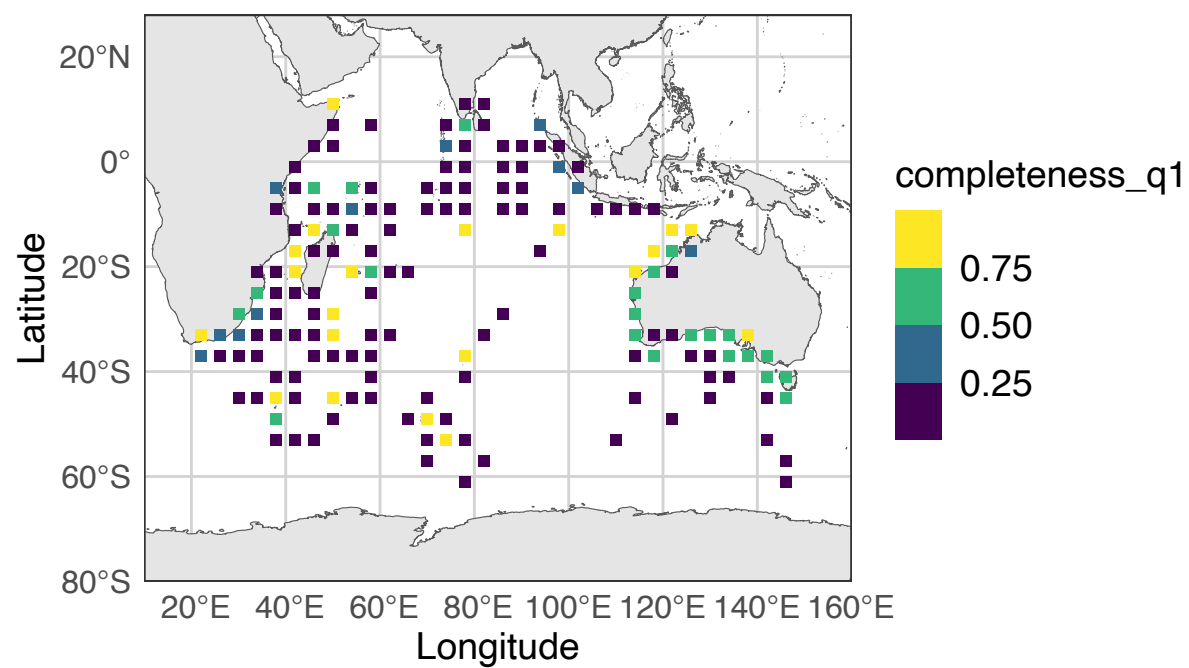**a. completeness at q = 0**

b. completeness at q = 1

c. completeness at q = 2