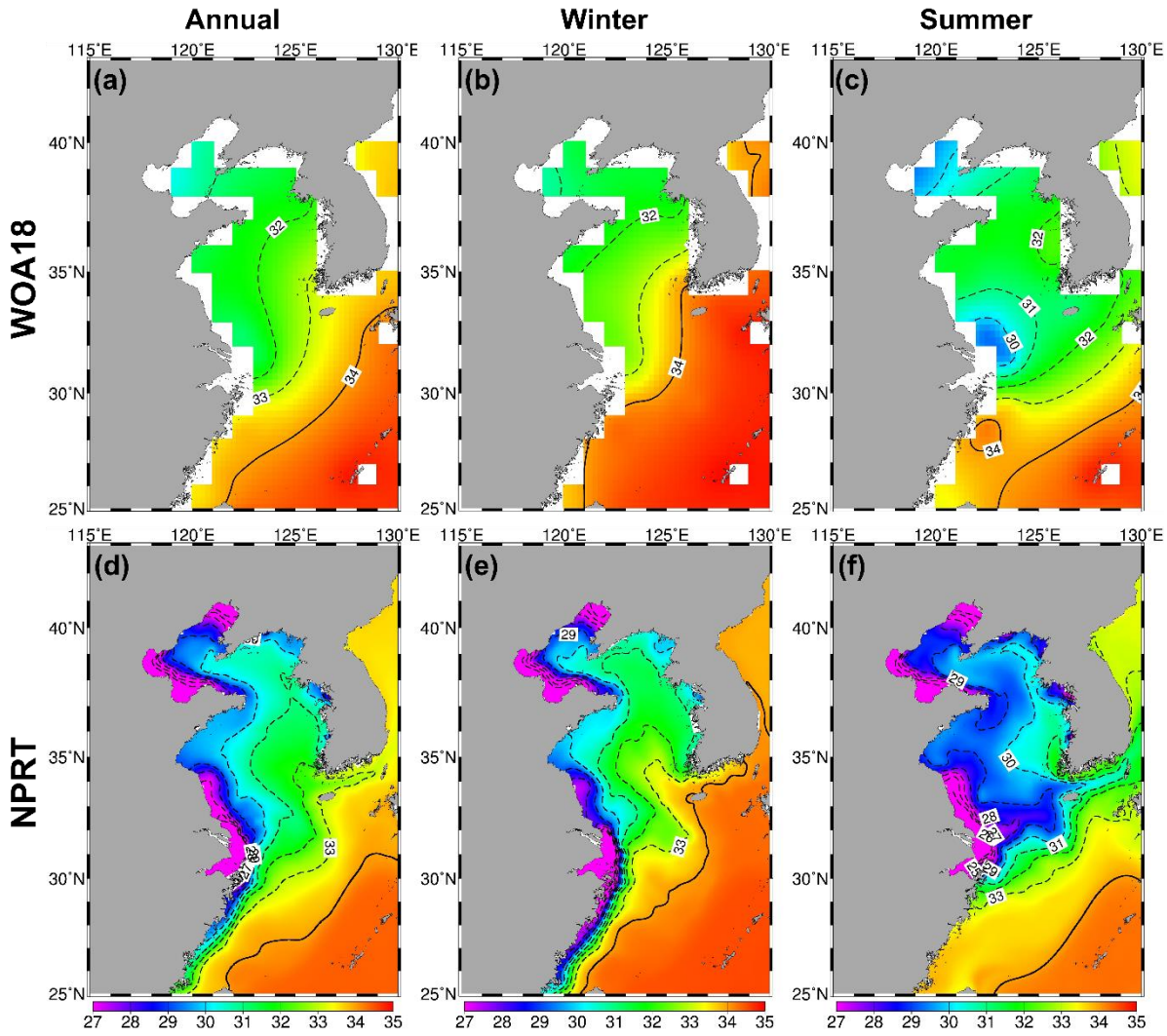
[Supplementary Figures]



Supplementary Figure S1. Distributions of the surface salinity in (a, b, c) the WOA18 data and (d, e, f) NPRT for (a, d) the annual mean, (b, e) winter and (c, f) summer in the YECS. The thick solid line indicate 34.0 psu and the contour interval is 0.5 psu.