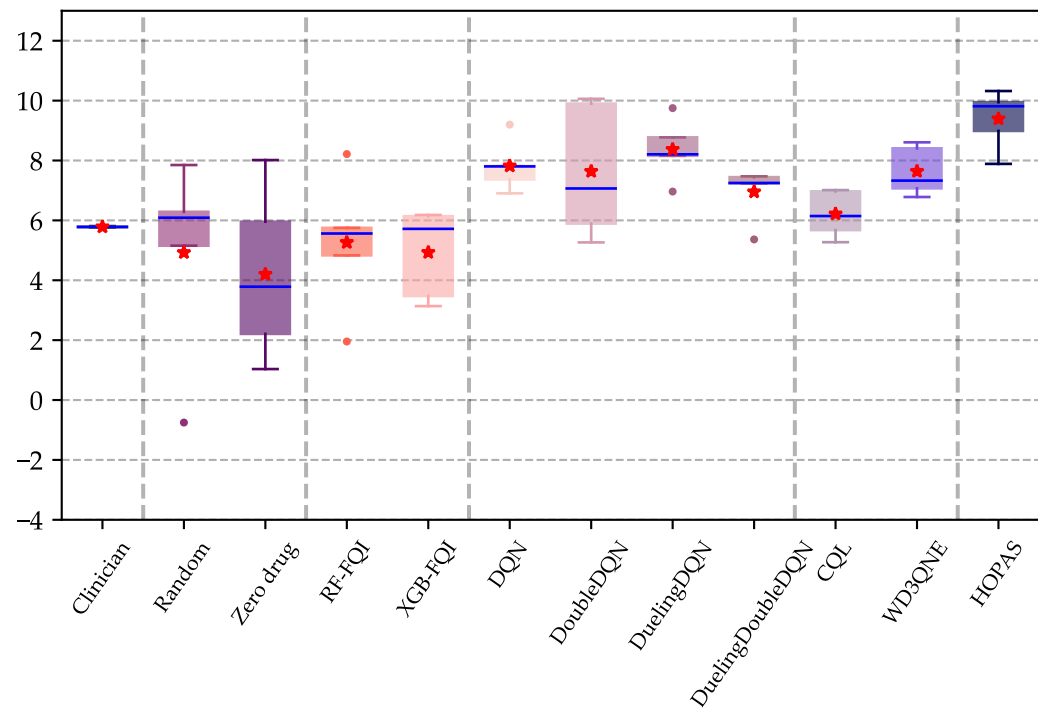
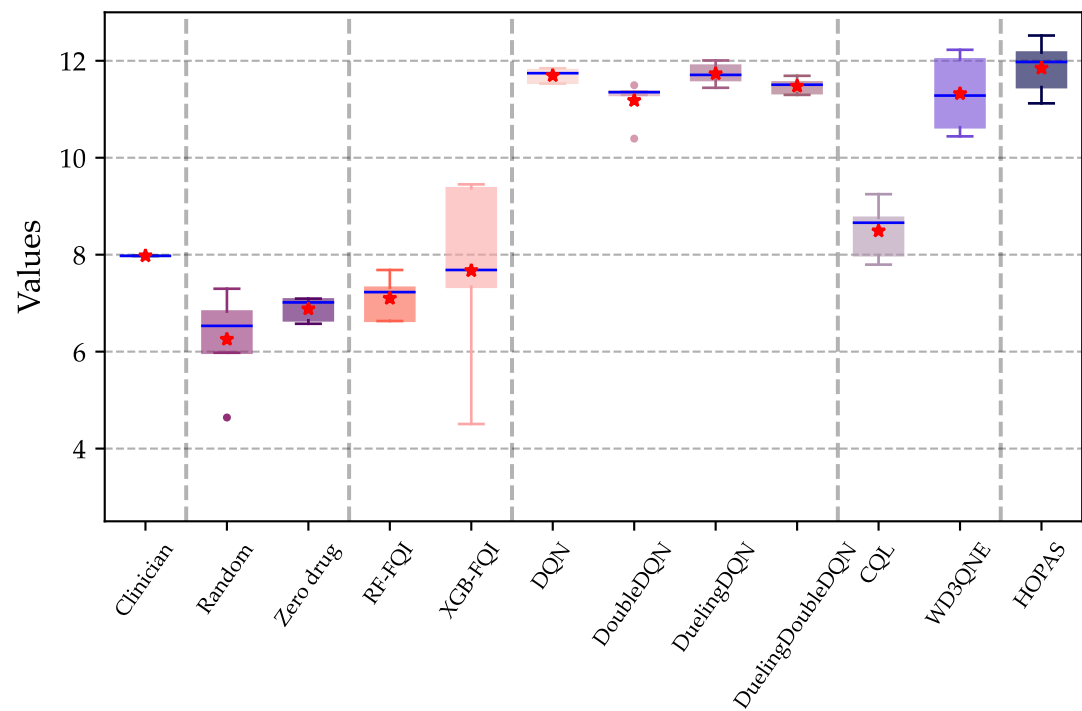


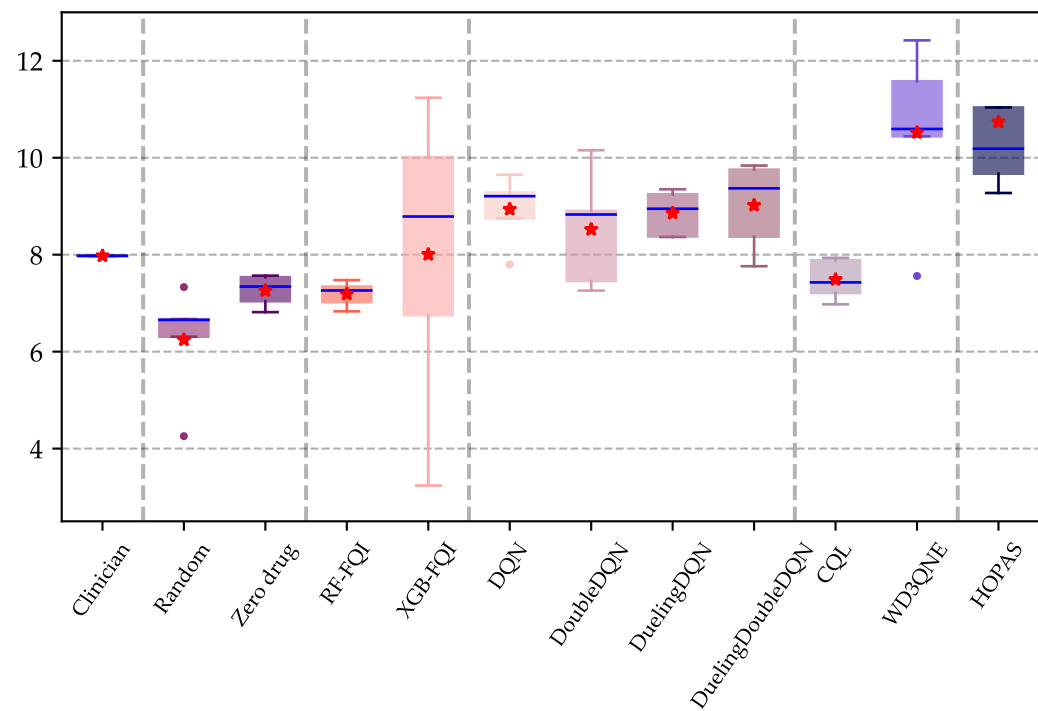
(a) PHWIS on MIMIC-IV



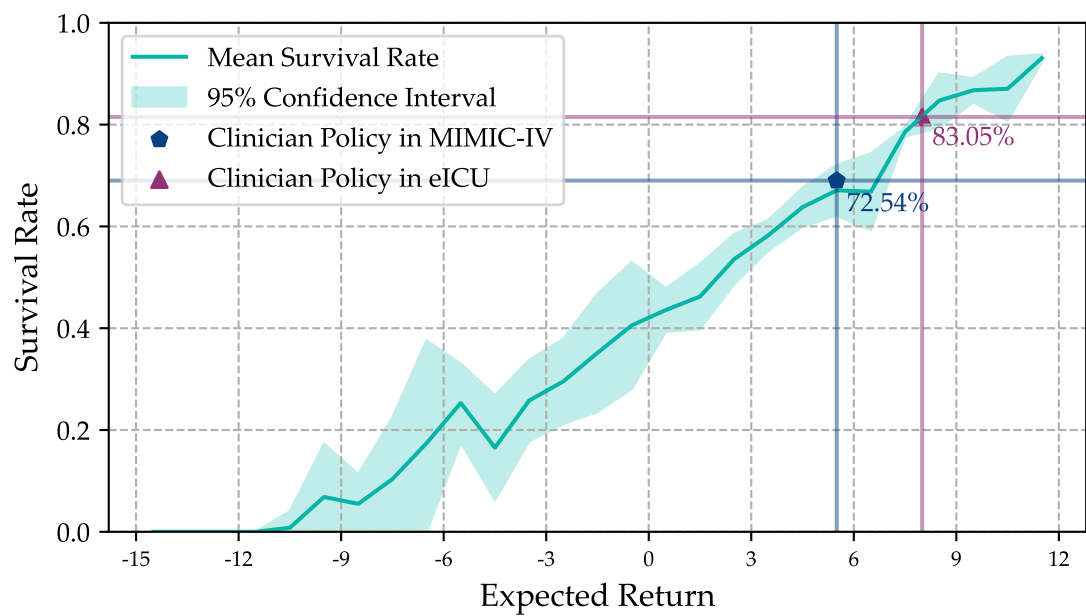
(b) PHWDR on MIMIC-IV



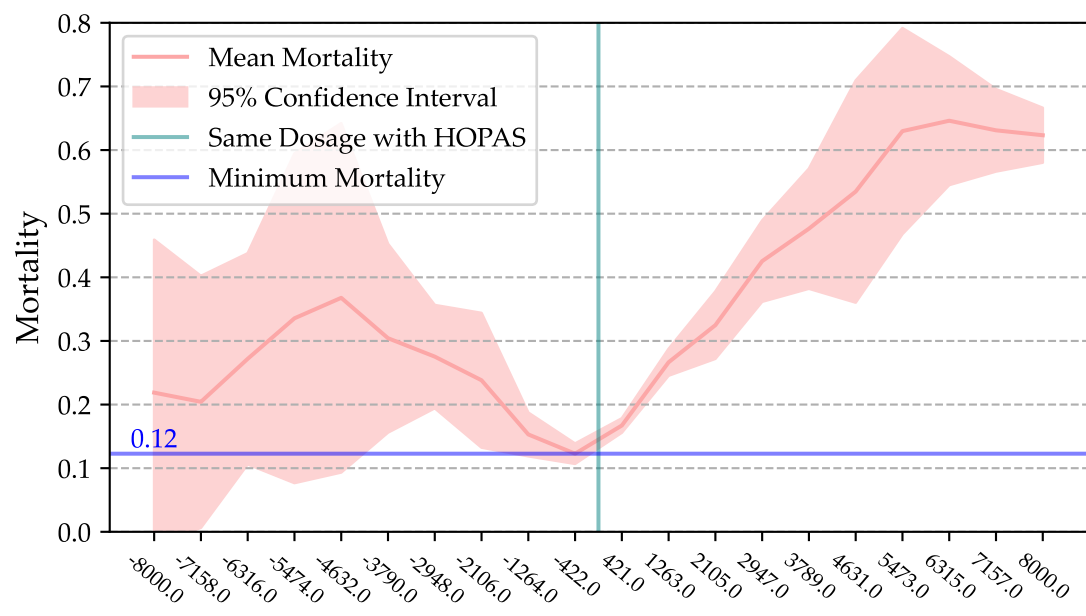
(c) PHWIS on eICU



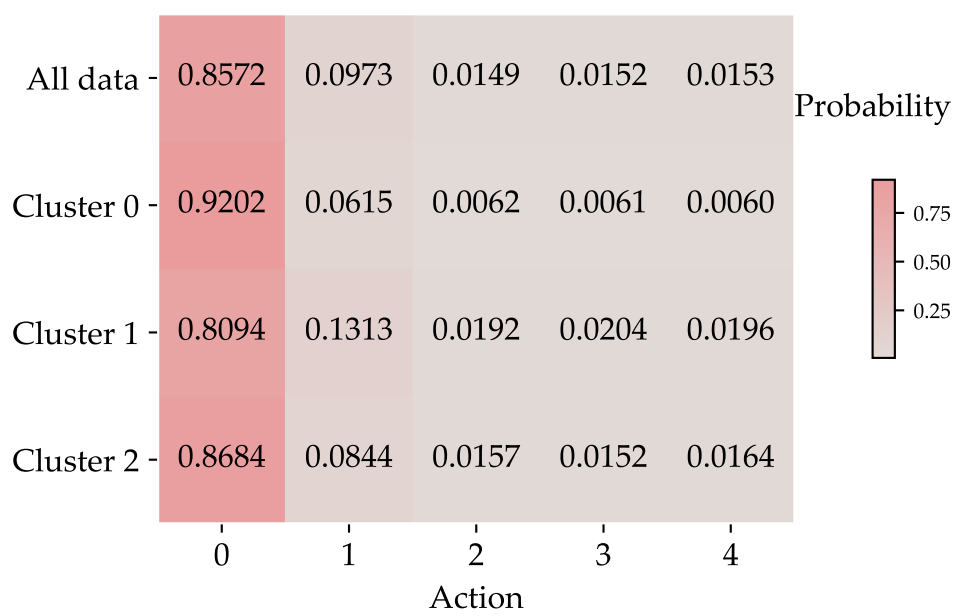
(d) PHWDR on eICU



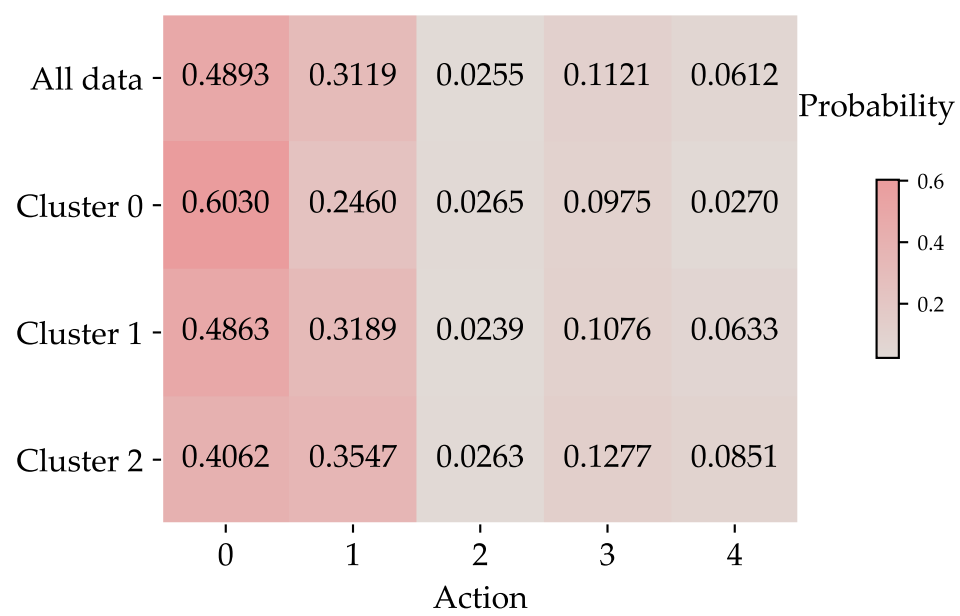
(e)



(f)



(g) Heparin administrated by clinicians



(h) Heparin recommended by HOPAS