



Supplementary Figure 1. Plot of observed versus predicted risk of neurological deterioration after intracerebral hemorrhage (ICH) in the derivation and validation cohorts. Plot of observed versus predicted risk of in-hospital neurological deterioration after ICH in the derivation, internal, and external validation cohorts according to 10 deciles of predicted risk. Overall, there was a very high correlation between the observed and predicted risks in the derivation cohort (A) ($n=1,309$; $r=0.96$; $P<0.001$), internal validation cohort (B) ($n=655$; $r=0.95$; $P<0.001$), external validation cohort-1 (C) ($n=3,255$; $r=0.93$, $P<0.001$), and external validation cohort-2 (D) ($n=314$; $r=0.91$, $P<0.001$), which indicated excellent calibration.