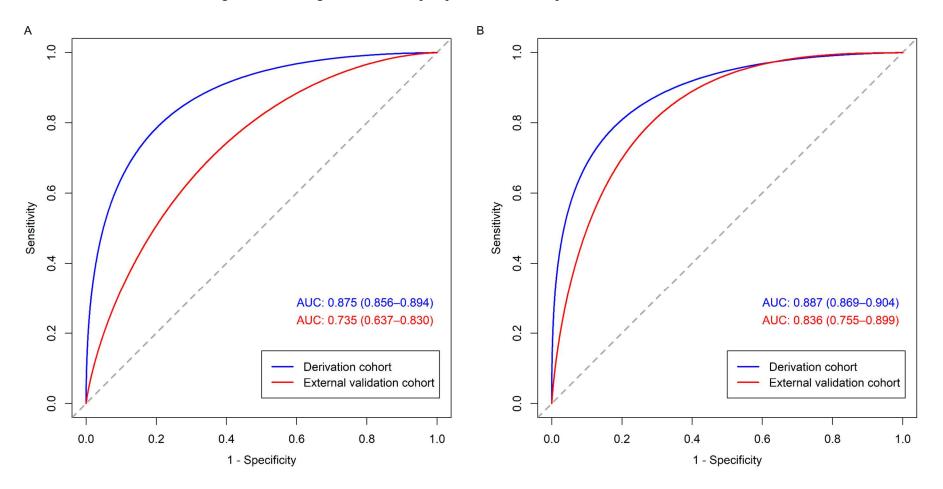
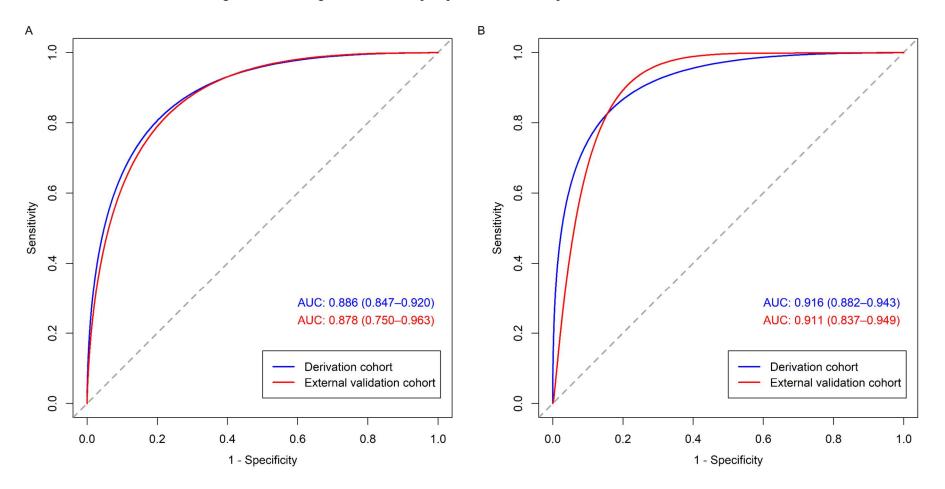
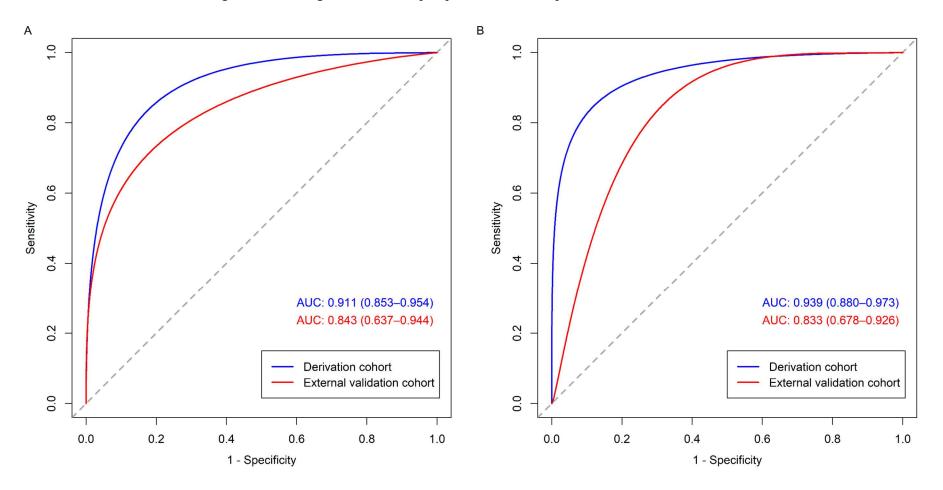
**Figure S6.** Receiver operating characteristic curves of the extreme gradient boosting models for cardiac surgery–associated acute kidney injury in patients in infancy. (A) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. (B) Receiver operating characteristic curve of the extreme gradient boosting model with the preoperative variables. AUC, area under the curve.



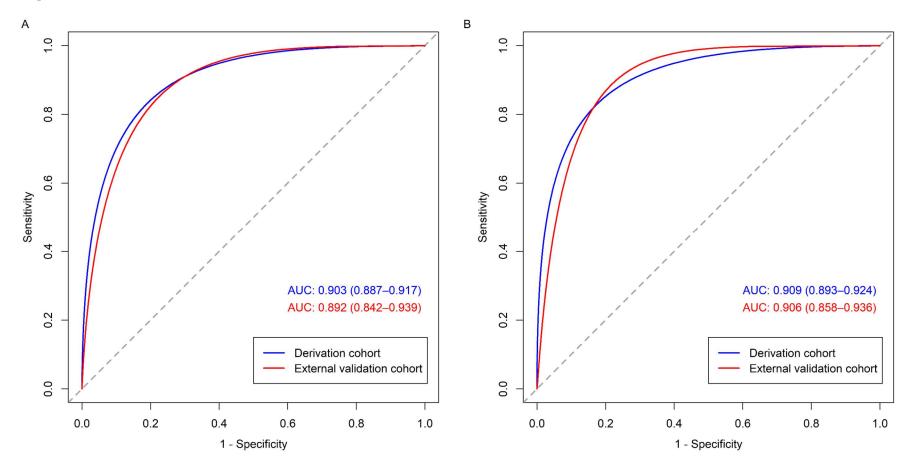
**Figure S7.** Receiver operating characteristic curves of the extreme gradient boosting models for cardiac surgery–associated acute kidney injury in patients in childhood. (A) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. (B) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. AUC, area under the curve.



**Figure S8.** Receiver operating characteristic curves of the extreme gradient boosting models for cardiac surgery–associated acute kidney injury in patients in adolescence. (A) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. (B) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. AUC, area under the curve.



**Figure S9.** Receiver operating characteristic curves of the extreme gradient boosting models for cardiac surgery–associated acute kidney injury in patients with a Risk Adjustment for Congenital Heart Surgery 1 score of 2 or lower. (A) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. (B) Receiver operating characteristic curve of the extreme gradient boosting model with the preoperative variables. AUC, area under the curve.



**Figure S10.** Receiver operating characteristic curves of the extreme gradient boosting models for cardiac surgery–associated acute kidney injury in patients with a Risk Adjustment for Congenital Heart Surgery 1 score of 3 or higher. (A) Receiver operating characteristic curve of the extreme gradient boosting model with only the preoperative variables. (B) Receiver operating characteristic curve of the extreme gradient boosting model with the preoperative variables. AUC, area under the curve.

