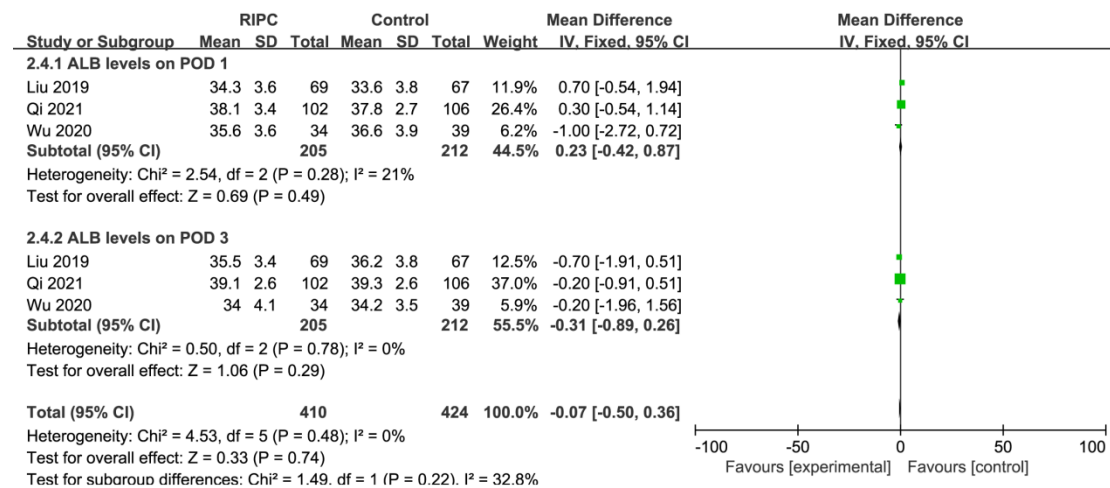


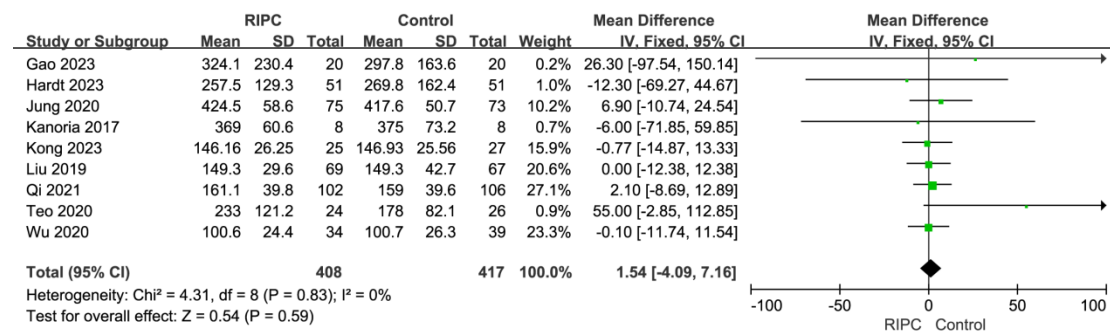
Supplementary Table S1 The search strategy.

Database	Search strategy
PubMed	((((((Remote Ischemic Conditioning) OR (Limb Ischemic Conditioning)) OR (Remote ischemic treatment)) OR (Remote ischemic adaptation)) OR (((((Remote ischemic preconditioning) OR (Distant ischemic preconditioning)) OR (ischemic preconditioning)) OR (Remote Ischemic Conditioning)) OR (remote ischemic adaptation)) OR (Limb ischemic preconditioning))) OR ((Remote ischemic perconditioning) OR (Limb ischemic perconditioning))) OR ((Remote ischemic postconditioning) OR (Limb ischemic postconditioning))) OR (((((((RIC) OR (RIPerC)) OR (RIPostC)) OR (RIP)) OR (RIPC)) OR (RPC)) OR (IperC)) OR (rIPC))) AND (((((hepatic ischemia-reperfusion) OR (liver graft)) OR (liver transplantation)) OR (liver resection)) OR (hepatectomy)) (Remote Ischemic Conditioning or Limb Ischemic Conditioning or Remote ischemic treatment or Remote ischemic adaptation or (Remote ischemic preconditioning or Distant ischemic preconditioning or ischemic preconditioning or Remote Ischemic Conditioning or remote ischemic adaptation or Limb ischemic preconditioning) or (Remote ischemic perconditioning or Limb ischemic perconditioning) or (Remote ischemic postconditioning or Limb ischemic postconditioning) or (RIC or RIPerC or RIPostC or RIP or RIPC or RPC or IperC or rIPC)).mp. and (hepatic ischemia-reperfusion or liver graft or liver transplantation or liver resection or hepatectomy).m_titl. [mp=ti, ab, tx, ct, sh, bt, ot, nm, hw, fx, kf, ox, px, rx, an, ui, ds, on, sy, ux, mx]
OVID	(((((TS=(Remote Ischemic Conditioning or Limb Ischemic Conditioning or Remote ischemic treatment or Remote ischemic adaptation)) OR TS=(Remote ischemic preconditioning or Distant ischemic preconditioning or ischemic preconditioning or Remote Ischemic Conditioning or remote ischemic adaptation or Limb ischemic preconditioning)) OR TS=(Remote ischemic perconditioning or Limb ischemic perconditioning)) OR TS=(Remote ischemic postconditioning or Limb ischemic postconditioning)) OR TS=(RIC or RIPerC or RIPostC or RIP or RIPC or RPC or IperC or rIPC)) AND TS=(hepatic ischemia-reperfusion or liver graft or liver transplantation or liver resection or hepatectomy) (Remote Ischemic Conditioning or Limb Ischemic Conditioning or Remote ischemic treatment or Remote ischemic adaptation or (Remote ischemic preconditioning or Distant ischemic preconditioning or ischemic preconditioning or Remote Ischemic Conditioning or remote ischemic adaptation or Limb ischemic preconditioning) or (Remote ischemic perconditioning or Limb ischemic perconditioning) or (Remote ischemic postconditioning or Limb ischemic postconditioning) or (RIC or RIPerC or RIPostC or RIP or RIPC or RPC or IperC or rIPC)) and (hepatic ischemia-reperfusion or liver graft or liver transplantation or liver resection or hepatectomy) in Title Abstract Keyword - (Word variations have been searched)
Web of Science	#1 'limb ischemic conditioning':ab,ti OR 'remote ischemic treatment':ab,ti OR 'remote ischemic preconditioning':ab,ti OR 'distant ischemic preconditioning':ab,ti OR 'ischemic preconditioning':ab,ti OR 'remote ischemic conditioning':ab,ti OR 'remote
Cochrane library	
clinical trial databases	
Embase	

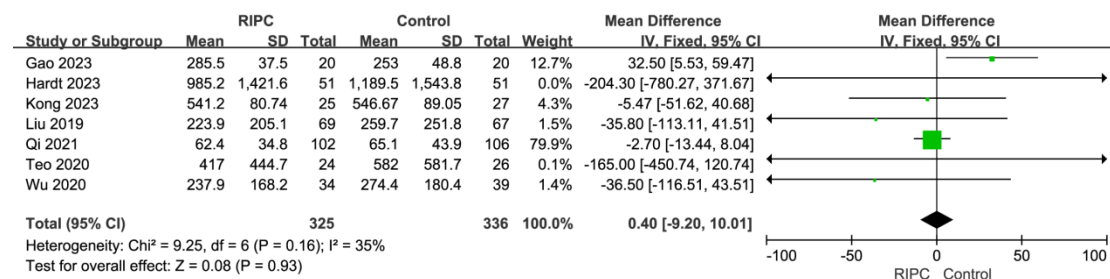
Supplementary Figure S1 Forest plot for postoperative TBIL levels.



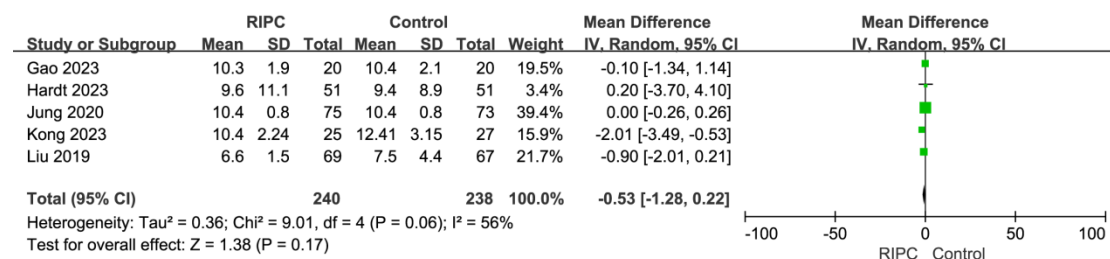
Supplementary Figure S2 Forest plot for postoperative ALB levels.



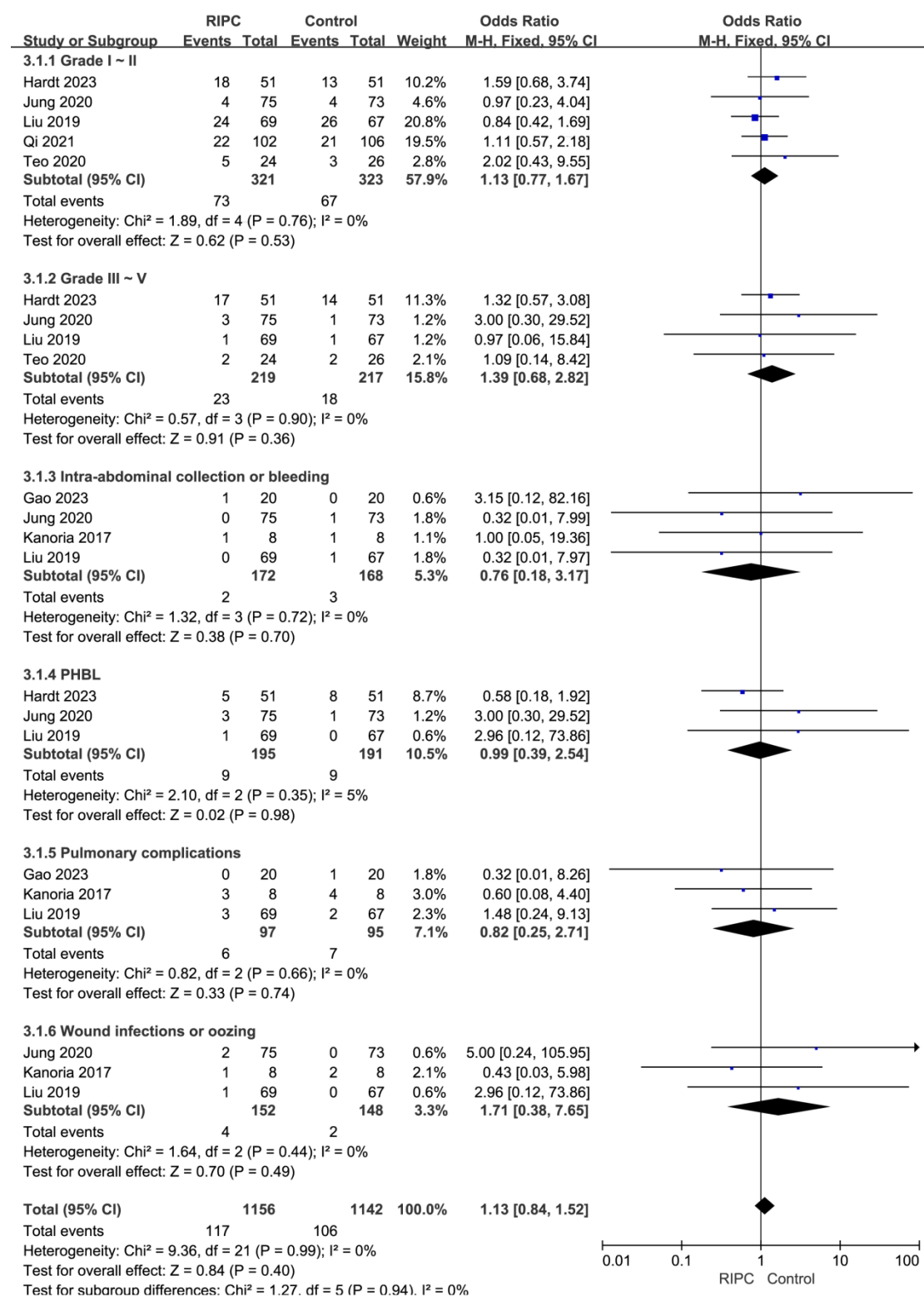
Supplementary Figure S3 Forest plot for operative times.



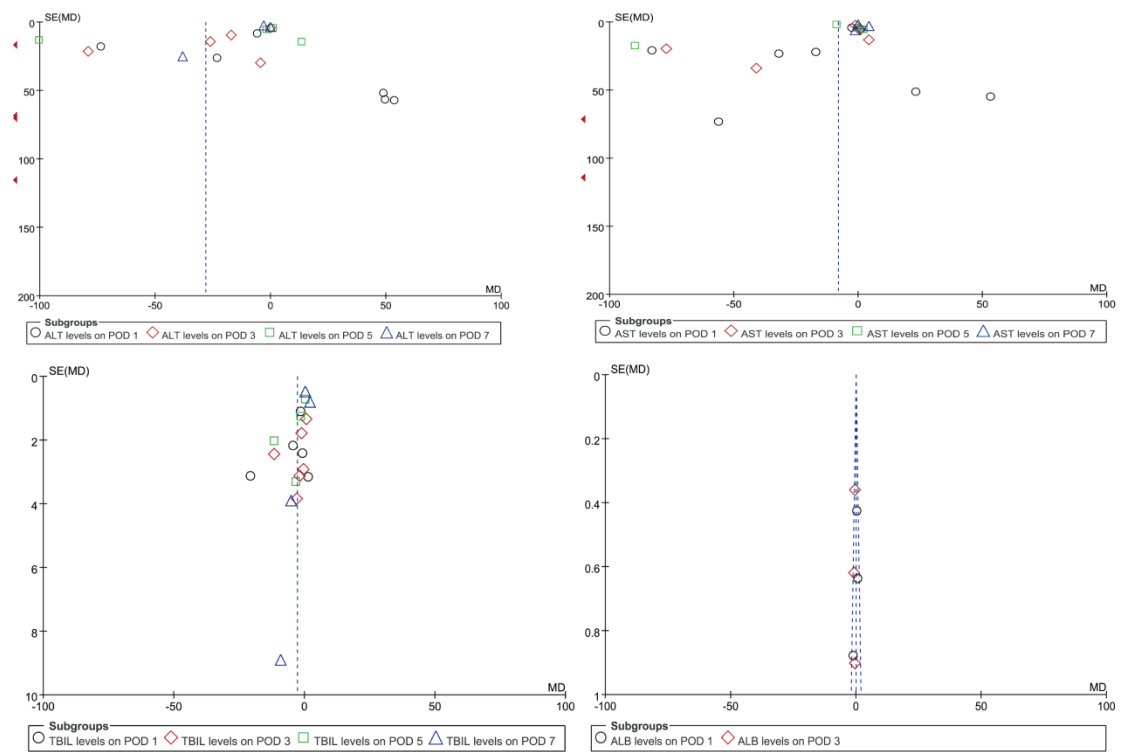
Supplementary Figure S4 Forest plot for intraoperative blood loss.



Supplementary Figure S5 Forest plot for postoperative hospital stays.



Supplementary Figure S6 Forest plot for postoperative complications. PHBL, bile leakage after hepatobiliary and pancreatic surgery.



Supplementary Figure S7 Funnel plots based on postoperative primary outcomes.