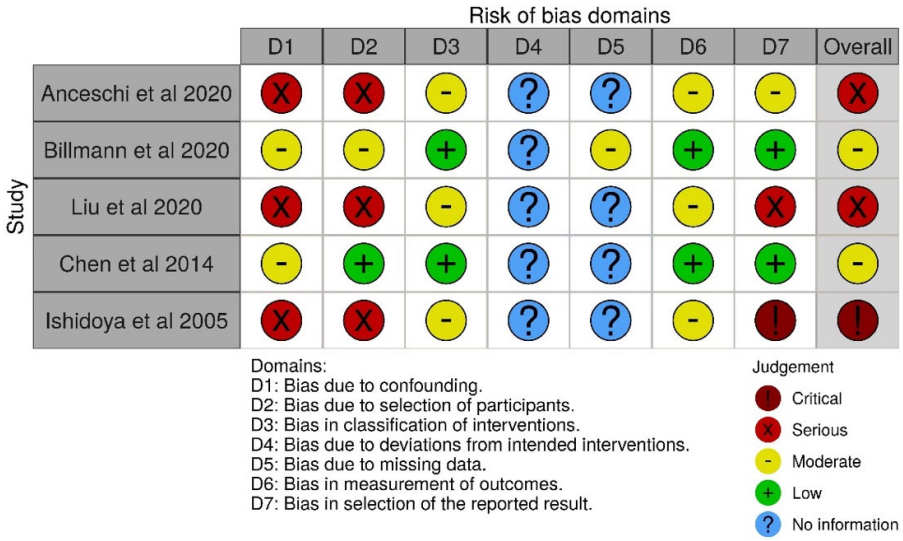
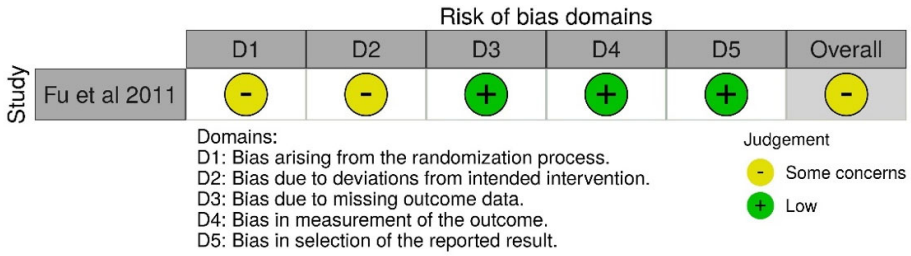
Supplementary Material



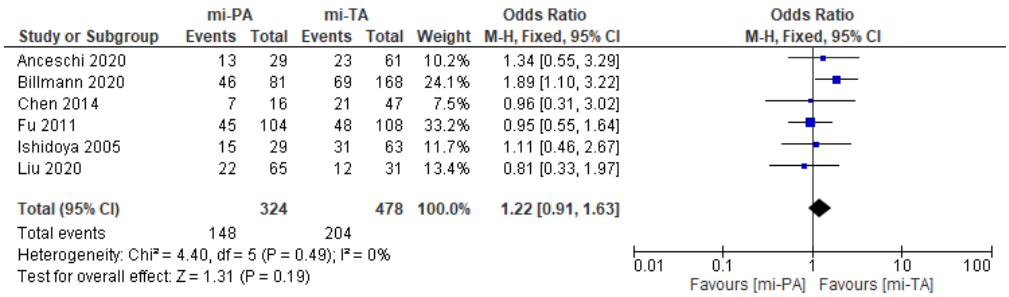
(**a**)



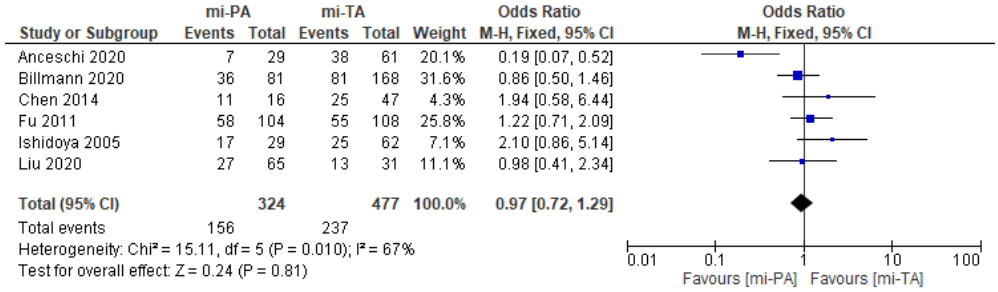
(**b**)

Figure S1. Assessment of risk of bias according to ROBINS-I tool (a) and RoB 2 tool (b) as suggested by Cochrane handbook

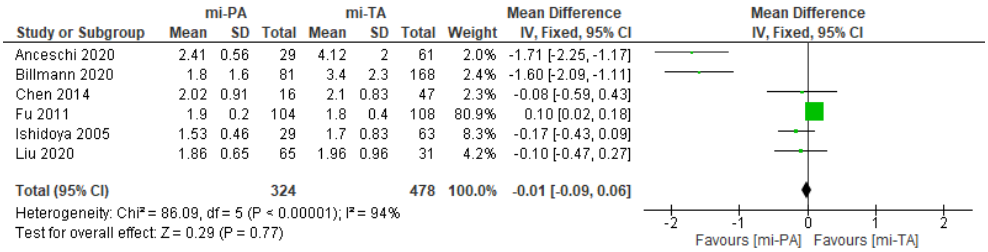
a) Forest plot representing analysis of **gender** (male vs female). CI = confidence interval; M-H = Mantel-Haenszel.



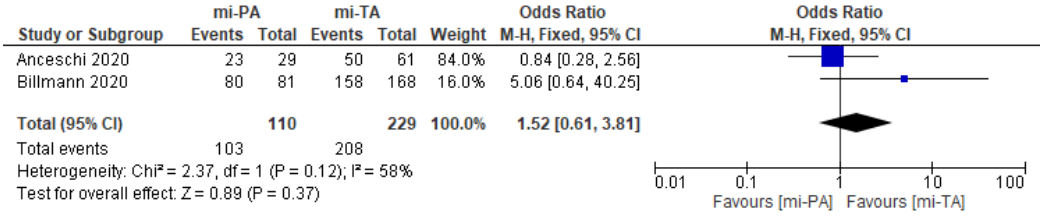
b) Forest plot representing analysis of **tumor side** (right vs left). CI = confidence interval; M-H = Mantel-Haenszel.



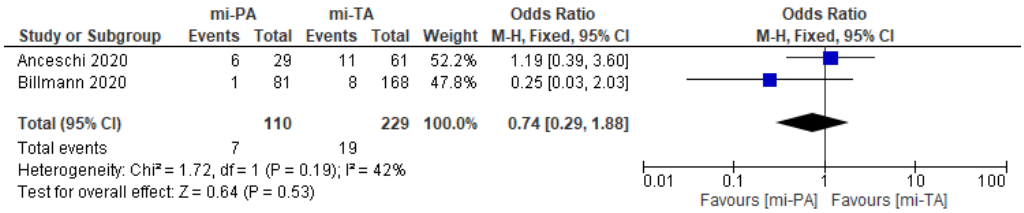
c) Forest plot representing analysis of **tumor size**. CI = confidence interval; M-H = Mantel-Haenszel.



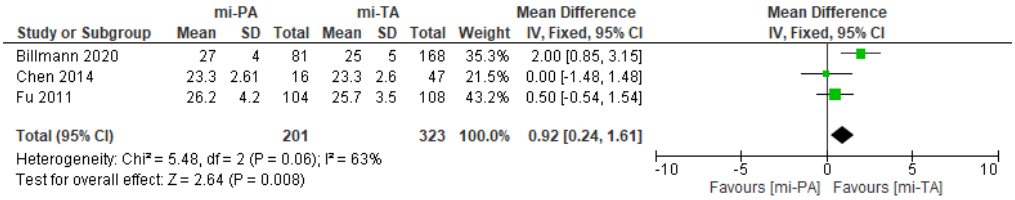
d) Forest plot representing analysis of **ASA 1-2**. CI = confidence interval; M-H = Mantel-Haenszel.



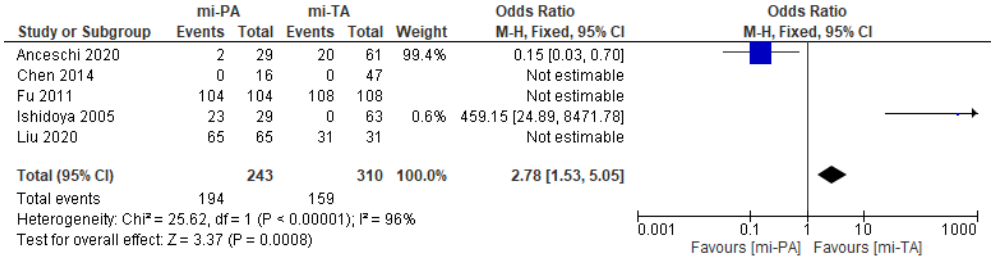
e) Forest plot representing analysis of **ASA 3-4**. CI = confidence interval; M-H = Mantel- Haenszel.



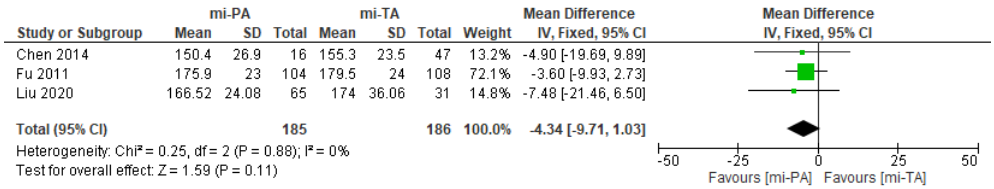
f) Forest plot representing analysis of **BMI** (Kg/m^2). CI = confidence interval; IV = inverse variance; SD = standard deviation.



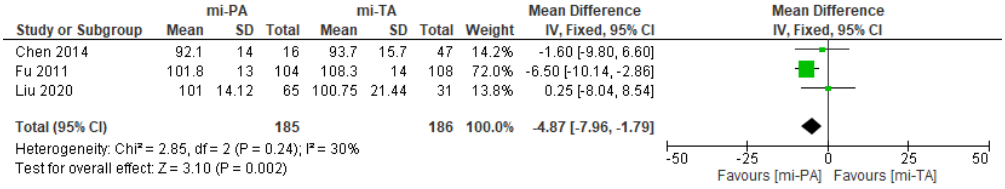
g) Forest plot representing analysis of **surgical approach** (retroperitoneal vs transperitoneal) . CI = confidence interval; M-H = Mantel-Haenszel.



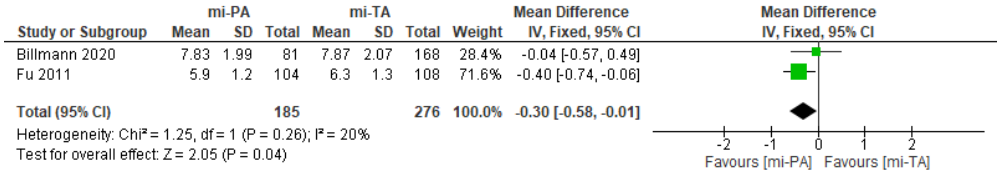
h) Forest plot representing analysis of **preoperative SPB** (mmHg). CI = confidence interval; IV = inverse variance; SD = standard deviation.



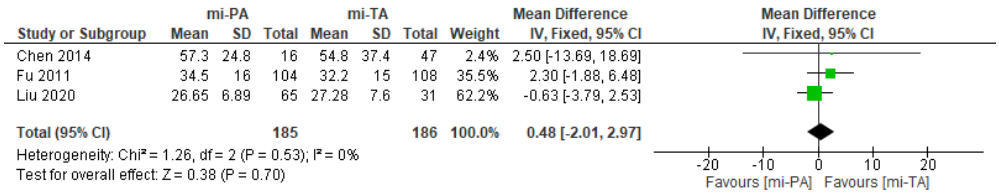
i) Forest plot representing analysis of **preoperative DPB** (mmHg). CI = confidence interval; IV = inverse variance; SD = standard deviation.



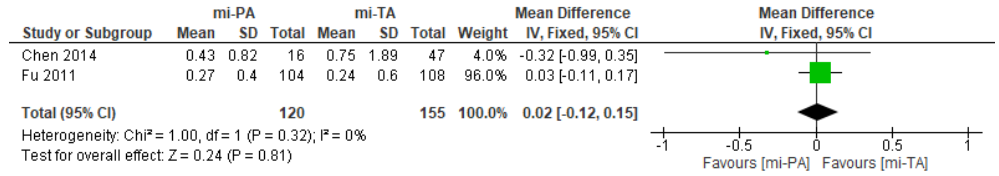
j) Forest plot representing analysis **preoperative HTN duration** (years). CI = confidence interval; IV = inverse variance; SD = standard deviation.



k) Forest plot representing analysis of **preoperative serum aldosterone** (ng/dl). CI = confidence interval; IV = inverse variance; SD = standard deviation.



l) Forest plot representing analysis of **preoperative renin activity** (ng/ml/hr). CI = confidence interval; IV = inverse variance; SD = standard deviation.



m) Forest plot representing analysis of **serum postassium** (mmol/l). CI = confidence interval; IV = inverse variance; SD = standard deviation.

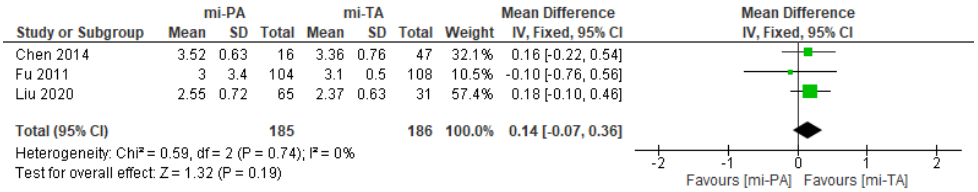


Figure S2. Cumulative analysis of eligible studies comparing mi-PA vs mi-TA in terms of (a) gender, (b) tumor side, (c) tumor size, (d) ASA 1-2, (e) ASA 3-4, (f) BMI, (g) surgical approach, (h) preoperative SPB, (i) preoperative DBP, (j) preoperative hypertension duration in years, (k) preoperative serum aldosterone, (l) preoperative renin activity and (m) serum postassium. Each studies is represented by a square incorporating confidence intervals represented by horizontal lines. The area of each square is proportional to the study's weight in the meta-analysis. The meta-analysed measure of effect is plotted as a diamond with lateral points indicating confidence intervals.