

**Supplementary Fig. 1.** Standardized mean difference between the sugammadex and non-sugammadex groups before and after propensity score matching. The standardized mean difference of several variables was  $\geq 0.1$  before propensity score matching. However, the standardized mean differences of the amount of intraoperatively administered crystalloid, anesthetic duration and intraoperative transfusion were  $\geq 0.1$  after matching, and the standardized mean difference of other covariates tended to decrease. COPD: chronic obstructive pulmonary disease, MI: myocardial infarction; Na: sodium, K: potassium, CI: chloride, P: phosphorus.

www.anesth-pain-med.org