Figure S1 Comparison of clinical variables in patients with noncancer, cisPCa, and csPCa and the diagnostic performance of these variables for csPCa in the PI-RADS 2 group. Comparison results of the clinical variables, including (A) age, (B) tPSA, (C) prostate volume, and (D) PSAD. (E) ROC curves and AUC of the variables for the diagnosis of csPCa. NS, not significant; *, $P<0.05$; **, $P<0.01$; ***, $P<0.001$. csPCa, clinically significant prostate cancer; cisPCa, clinically insignificant prostate cancer; tPSA, total prostate-specific antigen; PV, prostate volume; PSAD, prostate-specific antigen density; PI-RADS, Prostate Imaging Reporting and Data System; ROC, receiver operating characteristic; AUC, area under the curve; CI, confidence interval.
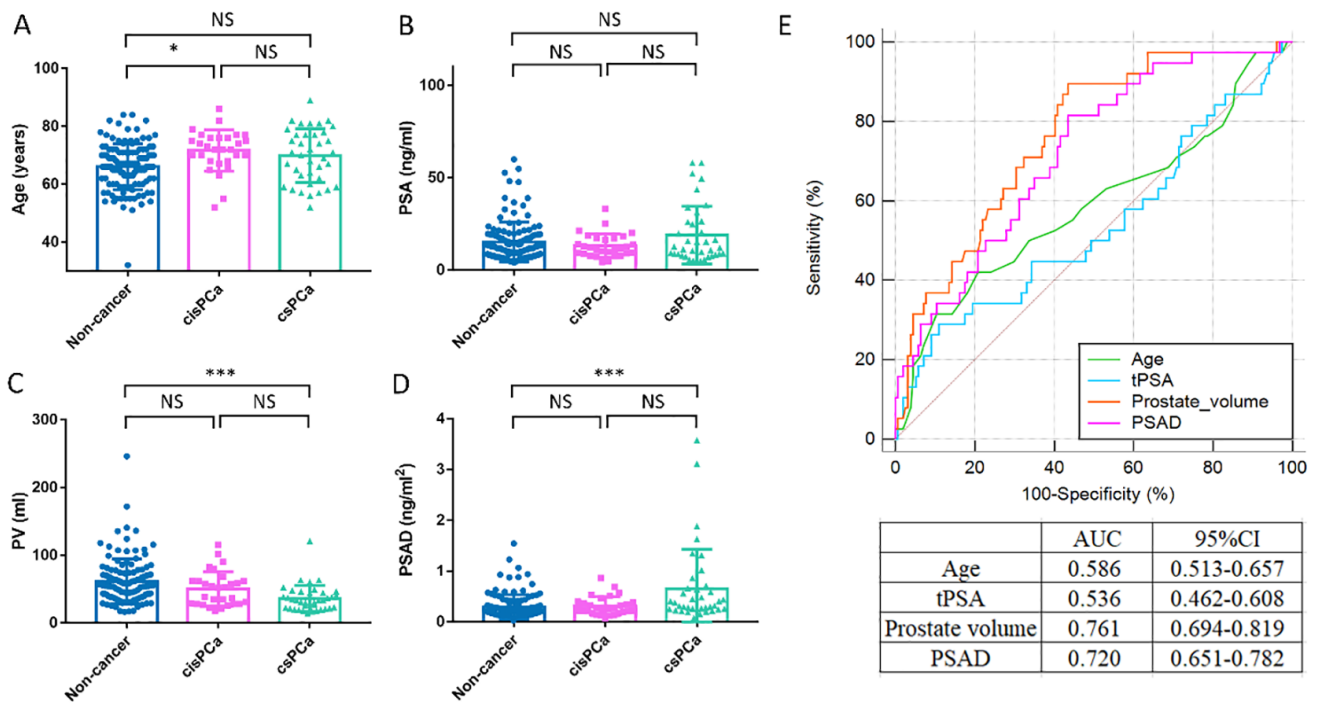
Figure S2 Comparison of clinical variables in patients with noncancer, cisPCa, and csPCa and the diagnostic performance of these variables for csPCa in the PI-RADS 3 group. Comparison results of the clinical variables, including (A) age, (B) tPSA, (C) prostate volume, and (D) PSAD. (E) ROC curves and AUCs of the variables for the diagnosis of csPCa. *, $P<0.05$; ***, $P<0.001$. csPCa, clinically significant prostate cancer; cisPCa, clinically insignificant prostate cancer; tPSA, total prostate-specific antigen; PV, prostate volume; PSAD, prostate-specific antigen density; PI-RADS, Prostate Imaging Reporting and Data System; ROC, receiver operating characteristic; AUC, area under the curve; 95%CI, 95% confidence interval; NS, not significant.
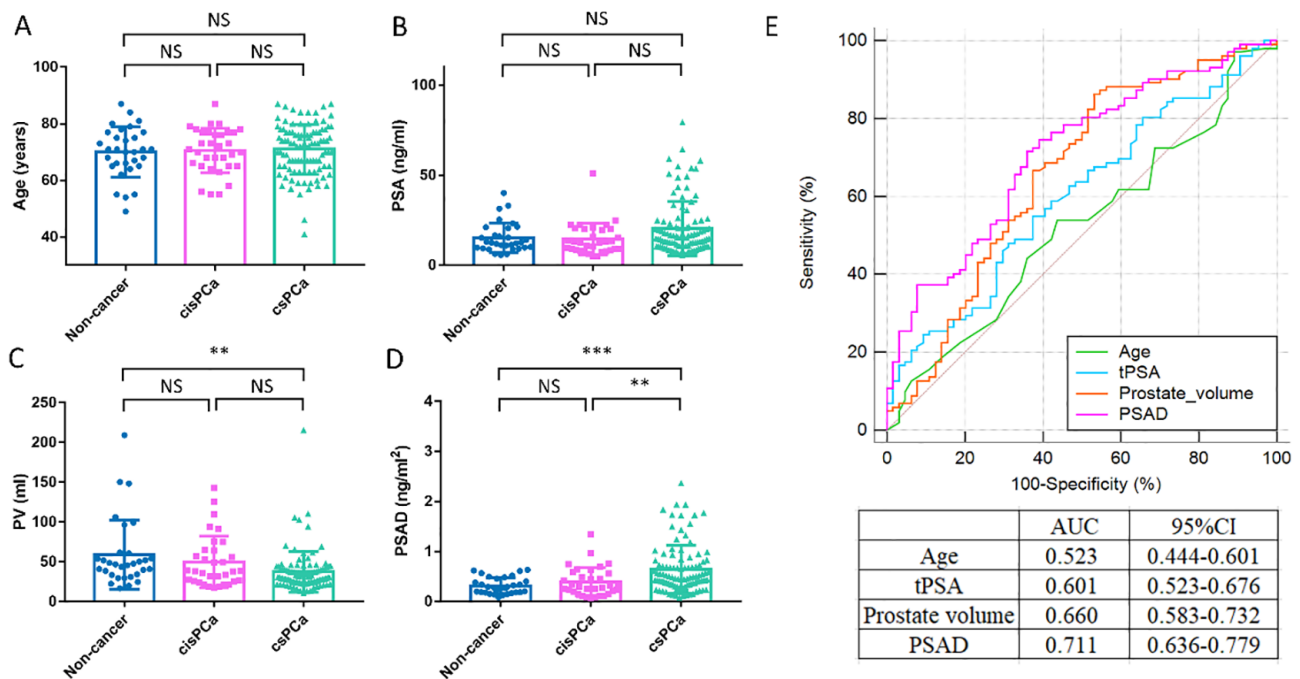
Figure S3 Comparison of clinical variables in patients with noncancer, cisPCa, and csPCa and the diagnostic performance of these variables for csPCa in the PI-RADS 4 group. Comparison results of the clinical variables, including (A) age, (B) tPSA, (C) prostate volume, and (D) PSAD. (E) ROC curves and AUCs of the variables for the diagnosis of csPCa. **, P<0.01; ***, P<0.001. NS, not significant; cisPCa, clinically insignificant prostate cancer; csPCa, clinically significant prostate cancer; tPSA, total prostate-specific antigen; PV, prostate volume; PSAD, prostate-specific antigen density; AUC, area under the curve; CI, confidence interval; PI-RADS, Prostate Imaging Reporting and Data System; ROC, receiver operating characteristic.