

Table S1 Pairwise comparison of CT quantitative parameters in precursor lesions, MIA, and IAC/(P)

Quantitative parameters	Precursor lesions vs. MIA	Precursor lesions vs. IAC	MIA vs. IAC
D _{long} (mm)	0.745	<0.001	<0.001
Max Solid D _{long} (mm)	0.705	<0.001	<0.001
Total Solid D _{long} (mm)	-	-	0.001
Max Solid D _{long} /D _{long} (%)	0.656	<0.001	<0.001
Total Solid D _{long} /D _{long} (%)	-	-	<0.001
Volume (mm ³)	0.876	<0.001	<0.001
Max Solid Volume (mm ³)	0.857	<0.001	<0.001
Total Solid Volume (mm ³)	-	-	0.001
Max Solid Volume/Volume (%)	0.905	<0.001	<0.001
Total Solid Volume/Volume (%)	-	-	0.001

CT, computed tomography; D, diameter; MIA, minimally invasive adenocarcinoma; IAC, invasive adenocarcinoma.

Table S2 Pairwise comparison of CT quantitative parameters across different pathological subtypes/(P)

Group	D _{long} (mm)	Max solid D _{long} (mm)	Total solid D _{long} (mm)	Max solid D _{long} /D _{long} (%)	Total solid D _{long} /D _{long} (%)	Volume (mm ³)	Max solid volume (mm ³)	Total solid volume (mm ³)	Max solid volume/ volume (%)	Total solid volume/ volume (%)
MIA-MAC	0.888	0.077	-	0.001	-	0.678	0.109	-	0.001	-
MIA-Precursor Lesions	0.745	0.705	-	0.656	-	0.876	0.857	-	0.905	-
MIA-LPA	<0.001	<0.001	0.545	<0.001	0.694	<0.001	<0.001	0.276	<0.001	0.717
MIA-APA	<0.001	<0.001	0.029	<0.001	0.019	<0.001	<0.001	0.056	<0.001	0.027
MIA-PPA	<0.001	<0.001	0.002	<0.001	0.001	<0.001	<0.001	0.002	<0.001	0.001
MIA-MPA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MAC-Precursor Lesions	0.978	0.138	-	0.003	-	0.753	0.155	-	0.003	-
MAC-LPA	0.106	0.686	-	0.142	-	0.129	0.668	-	0.122	-
MAC-APA	0.092	0.452	-	0.433	-	0.089	0.284	-	0.682	-
MAC-PPA	0.02	0.172	-	0.682	-	0.025	0.107	-	0.946	-
MAC-MPA	0.016	0.072	-	0.794	-	0.036	0.077	-	0.626	-
Precursor Lesions-LPA	0.003	<0.001	-	0.002	-	<0.001	<0.001	-	0.003	-
Precursor Lesions-APA	0.001	<0.001	-	<0.001	-	<0.001	<0.001	-	<0.001	-
Precursor Lesions-PPA	<0.001	<0.001	-	<0.001	-	<0.001	<0.001	-	<0.001	-
Precursor Lesions-MPA	<0.001	<0.001	-	<0.001	-	<0.001	<0.001	-	<0.001	-
LPA-APA	0.928	0.35	0.152	0.048	0.065	0.677	0.08	0.579	0.001	0.078
LPA-PPA	0.096	0.032	0.015	0.023	0.005	0.094	0.008	0.061	0.001	0.004
LPA-MPA	0.086	0.007	0.002	0.002	0.002	0.195	0.009	0.011	<0.001	<0.001
APA-PPA	0.076	0.112	0.129	0.402	0.142	0.132	0.148	0.055	0.425	0.1
APA-MPA	0.075	0.022	0.013	0.044	0.054	0.269	0.105	0.005	0.077	0.009
PPA-MPA	0.753	0.38	0.324	0.244	0.601	0.933	0.686	0.351	0.326	0.313

CT, computed tomography; D, diameter; MIA, minimally invasive adenocarcinoma; LPA, lepidic-predominant adenocarcinoma; APA, acinar-predominant adenocarcinoma; PPA, papillary-predominant adenocarcinoma; MPA, micropapillary-predominant adenocarcinoma; MAC, mucinous adenocarcinoma.