

Supplemental Table S2. Image features that are significantly associated with patient overall survival outcome in univariate survival analysis in the National Lung Screening Trial (NLST) dataset. Features are dichotomized by the median value. P values are calculated using Ward test. CI, confidence interval; HR, hazard ratio.

Features (high vs. low)	HR (95% CI)	p value
Number of stromal cell – stromal cell connections	0.32 (0.16 – 0.63)	0.0011
Number of karyorrhexis – karyorrhexis connections	2.54 (1.32 – 4.91)	0.0055
Stroma nuclei density	0.41 (0.21 – 0.80)	0.0088
Karyorrhexis density	2.27 (1.19 – 4.33)	0.013
Number of red blood cell-karyorrhexis connections	1.98 (1.05 – 3.74)	0.035