**Table S1.** Univariate Cox analysis results of small cell lung cancer

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variables | HR | 95% CI | P | SE | R2 |
| Age Age0-49 Age50-54 | 10.98 | Reference0.70-1.37 | 0.925 | 0.169 | 0.032 |
|  Age55-59 Age60-64 | 1.051.18 | 0.76-1.430.88-1.60 | 0.7820.274 | 0.1590.154 |
|  Age65-69Age70-74 | 1.231.36 | 0.91-1.651.01-1.83 | 0.1760.044 | 0.1510.152 |  |
| Age75-79Age80-84Age>=85Race Black White OthersSex Female MaleGrade Grade I Grade II Grade III Grade IVStage IA IB II IIAIIB III IIIA IIIB IVStage T T0 T1a T1b T2a T2b T2NOST3T4Stage N N0 N1 N2 N3Stage M M0 M1a M1b M1NOSSurgery of Primary Site No surgery of primary site Surgery on primary siteWhether or not the patient has surgery No surgical surgicalSize <=30 >30,<=50 >50,<=100 >100Extension <=100 >100,<=300 >300,<=500 >500,<=999Involvement of lymph Nodes None Lymphatic involvementMetastasis No metastasis Distant metastasisCancer death Alive or dead of other cause Dead (attributable to this cancer)Other Death Alive or dead due to cancer Dead (attributable to causes other than this cancer)Sequence number of primary tumors One primary only 1st of 2 or more primariesTotal number of in situ/malignant tumors 1 2 3Age of diagnosis 0-49 50-65 >=66Marital status Single (never married) Married or partner Separated, divorced or widowedLateral Left, right, or unilateral Bilateral paired site or not a paired site | 1.541.802.3511.191.5211.2310.992.282.6411.551.13x1011.381.205.55x10-61.511.743.9010.691.091.041.150.871.151.3211.161.531.5512.022.852.9810.3610.8311.251.341.6611.161.161.2711.4812.6919.4711.4610.5610.678.052x10-711.101.4510.941.0812.340.80 | 1.13-2.081.30-2.491.63-3.39Reference0.97-1.461.09-2.12Reference1.10-1.36Reference0.36-2.731.02-5.091.18-5.90Reference0.94-2.551.55-82.380.90-2.120.72-1.990.00-inf1.08-2.111.23-2.482.85-5.35Reference0.32-1.480.51-2.360.49-2.210.53-2.460.28-2.750.54-2.440.63-2.78Reference0.94-1.441.33-1.771.30-1.85Reference1.68-2.432.53-3.211.84-4.84Reference0.29-0.46Reference0.56-1.22Reference1.08-1.451.18-1.541.33-2.08Reference0.98-1.381.00-1.351.12-1.45Reference1.29-1.70Reference2.40-3.02Reference0.11-7.64Reference1.187-1.794Reference0.405-0.780Reference0.480-0.9440-infReference0.828-1.4591.101-1.919Reference0.801-1.0990.918-1.279Reference0.970-5.6360.414-1.537 | 0.0060.400x10-34.850x10-60.0960.0140.1x10-30.9880.0450.0180.0860.0170.1430.4930.9860.0160.002<2.0x10-160.3370.8190.9180.7240.8180.7120.4670.1676.14x10-97.30x10-73.90x10-14< 2x10-169.990x10-6<2x10-160.3460.0021.310x10-51.030x10-50.0940.0510.300x10-32.060x10-8< 2x10-16< 2x10-160.300x10-30.0010.0220.9830.5120.0080.4270.3410.0580.500 | 0.1550.1660.1870.1050.1690.0540.5170.4110.4100.2541.0130.2200.261679.80.1710.1800.1610.3940.3930.3830.3900.5860.3820.3810.1080.0730.0890.0930.0610.2470.1190.1980.0740.0680.1150.0890.0760.0660.0700.0590.1090.1050.1670.1726.71x1020.1440.1420.0810.0850.4490.335 | 0.0030.0080.0140.1610.0210.0240.1610.0540.0010.0160.0080.0190.1570.3480.0060.0080.0060.0160.0030.002 |

HR, Hazard Ratio; inf, infinite; SE, standard error; R2, correlation coefficient; CI, confidence interval.