

Table S2: Summary of clinical features of datasets of stage I lung adenocarcinoma patients without adjuvant treatment

Clinical	FUSCC	GSE31210	GSE13213	GSE11969	GSE50081	GSE68465	GSE42127	GSE26939	GSE72094	GSE30219	GSE41271	TCGA	Gillette	Xu
No. Patients	83	168	79	47	92	108	89	62	265	71	100	232	55	51
Gender														
Male (%)	39 (47.0)	71 (42.3)	41 (51.9)	27 (57.4)	46 (50.0)	44 (40.7)	38 (42.7)	36 (58.1)	122 (46.0)	55 (77.5)	44 (44.0)	100 (43.1)	35 (63.6)	33 (64.7)
Female (%)	44 (53.0)	97 (57.7)	38 (48.1)	20 (42.6)	46 (50.0)	64 (59.3)	51 (57.3)	26 (41.9)	143 (54.0)	16 (22.5)	56 (56.0)	132 (56.9)	20 (36.4)	18 (35.3)
Age														
< 60 (%)	34 (41.0)	71 (42.3)	26 (32.9)	13 (27.7)	13 (14.1)	30 (27.8)	32 (36.0)	18 (29.0)	36 (13.6)	33 (46.5)	37 (37.0)	62 (26.7)	21 (38.2)	22 (43.1)
>= 60 (%)	49 (59.0)	97 (57.7)	53 (67.1)	34 (72.3)	79 (85.9)	78 (72.2)	57 (64.0)	44 (71.0)	229 (86.4)	38 (53.5)	62 (62.0)	156 (67.3)	34 (61.8)	29 (56.9)
Unknown		-	-	-	-	-	-	-	-	-	1 (1.0)	14 (6.0)	-	-
Smoking														
Never (%)	59 (71.1)	94 (56.0)	39 (49.4)	24 (51.1)	20 (21.7)	-	-	7 (11.3)	20 (7.5)	-	16 (16.0)	30 (12.9)	-	-
Ever (%)	24 (28.9)	74 (44.0)	40 (50.6)	23 (48.9)	63 (68.5)	-	-	55 (88.7)	208 (78.5)	-	84 (84.0)	201 (86.7)	-	-
Unknown		-	-	-	9 (9.8)	-	-	-	37 (14.0)	-	-	1 (0.4)	-	-
Stage														
IA (%)	56 (67.5)	114 (67.9)	42 (53.2)	25 (53.2)	36 (39.1)	-	32 (36.0)	31 (50.0)	158 (59.6)	-	36 (36.0)	110 (47.4)	21 (38.2)	16 (31.4)
IB (%)	27 (32.5)	54 (32.1)	37 (46.8)	22 (46.8)	56 (60.9)	-	57 (64.0)	31 (50.0)	101 (38.1)	-	64 (64.0)	118 (50.9)	32 (58.2)	35 (68.6)
I (%)	-	-	-	-	-	108 (100.0)	-	-	67 (2.3)	71 (100.0)	-	4 (1.7)	2 (3.6)	-
Subtype (FA2)														
S1 (%)	50 (60.2)	79 (47.0)	45 (57.0)	31 (66.0)	33 (35.9)	58 (53.7)	36 (40.4)	37 (59.7)	113 (42.6)	25 (35.2)	40 (40.0)	123 (53.0)	12 (21.8)	-
S2 (%)	33 (39.8)	89 (53.0)	34 (43.0)	16 (34.0)	59 (64.1)	50 (46.3)	53 (59.6)	25 (40.3)	152 (57.4)	46 (64.8)	60 (60.0)	109 (47.0)	43 (78.2)	-
RFS														
Yes (%)	36 (43.4)	37 (22.0)	32 (40.5)	15 (31.9)	22 (23.9)	31 (28.7)	-	-	-	17 (23.9)	30 (30.0)	-	5 (9.1)	30 (58.8)
No (%)	47 (56.7)	131 (78.0)	46 (58.2)	31 (66.0)	68 (73.9)	53 (49.1)	-	-	-	54 (76.1)	70 (70.0)	-	37 (67.3)	21 (41.2)
Unknown	-	-	1 (1.3 %)	1 (2.1)	2 (2.2)	24 (22.2)	-	-	-	-	-	-	13 (23.6)	-
OS														
Alive (%)	74 (89.2)	151 (89.9)	54 (68.4)	34 (72.3)	61 (66.3)	74 (68.5)	67 (75.3)	31 (50.0)	208 (78.5)	38 (53.5)	74 (74.0)	182(78.4)	51 (92.7)	43 (84.3)
Dead (%)	9 (10.8)	17 (10.1)	25 (31.6)	13 (27.7)	31 (33.7)	34 (31.5)	22 (24.7)	31 (50.0)	57 (21.5)	33 (46.5)	26 (26.0)	45 (19.4)	4 (7.3)	8 (15.7)

RFS: relapse-free survival

OS: overall survival