

Supplementary content:

Table 1s. Univariate analysis of parameters:

		HR (95% CI)	p-value
Sex		0.95 (0.46 – 1.96)	0.90
Age		1.03 (0.99 – 1.07)	0.17
PS		1.72 (1.14 – 2.59)	0.009
Histology	Adenocarcinoma		0.85
	Squamous Cell Carcinoma	0.80 (0.36 – 1.77)	0.58
	NSCLC	0.85 (0.29 – 2.50)	0.76
Smoking Status	Never		0.96
	Stopped over 10 years ago	1.42 (0.30 – 6.72)	0.66
	Stopped between 1-10 years ago	1.15 (0.23 – 5.95)	0.87
	Current smoker or stopped less than 1 year ago	1.20 (0.27 – 5.23)	0.81
Number of previous treatment Lines		0.73 (0.35 – 1.35)	0.32
Albumin		0.26 (0.12 – 0.55)	<0.001
BMI		1.01 (0.94 – 1.09)	0.70
SMI		0.99 (0.95 – 1.02)	0.59
FFMI		0.97 (0.85 – 1.10)	0.64
FMI		1.00 (0.87 – 1.15)	0.99
Weight Change		1.67 (1.12 – 2.59)	0.012

CI: confidence interval. NSCLC: non-small cell lung cancer. BMI: body mass index. SMI: skeletal mass index. FFMI: fat free mass index. FMI: fat mass index.

Table 2s. Multivariate analysis of parameters (weight change, Albumin and performance status as categorical variables)

Multivariable cox regression			
Parameters		HR (95% CI)	p-value
Sex		1.26 (0.32 – 4.89)	0.742
Age		0.99 (0.92 – 1.05)	0.682
PS		2.19 (0.63 – 7.57)	0.214
Histology	Adenocarcinoma		0.056
	Squamous Cell Carcinoma	0.20 (0.04 – 0.90)	0.036
	NSCLC	0.36 (0.08 – 1.62)	0.186
Smoking Status	Never		0.359
	Stopped over 10 years ago	1.58 (0.18 – 14.20)	0.683
	Stopped between 1-10 years ago	0.51 (0.05 – 4.93)	0.566
	Current smoker or stopped less than 1 year ago	1.71 (0.21 – 13.91)	0.615
Number of previous treatment Lines		0.34 (0.14 – 0.83)	0.018
Albumin		2.08 (0.76 – 5.66)	0.151
BMI		1.16 (0.95 – 1.42)	0.143
SMI		0.44 (0.16 – 1.18)	0.103
FFMI		14.83 (0.54 – 405.35)	0.110
FMI		0.95 (0.67 – 1.34)	0.773
Weight Change		8.58 (2.33 – 31.57)	0.001

HR: hazard ratio. CI: confidence interval. PS: performance status. *PS as categorical: 0 and 1 versus 2 and 3. Albumin as categorical: \geq LLN versus Albumin $<$ LLN. Weight change as categorical: Weight loss $<$ 5% versus Weight loss \geq 5%.

Figure 1s. Overall survival curves, by Performance Status (PS)

