

**Supplementary Table 5. Univariate and multivariate analysis of factors for early mortality**

Characteristic	Univariate analysis		Multivariate analysis	
	OR (95% CI)	<i>p</i> value	OR (95% CI)	<i>p</i> value
Age ≥ 84 yr	1.63 (0.74–3.58)	0.227		
Sex, female	1.19 (0.55–2.59)	0.653		
ECOG PS > 2	2.71 (1.23–5.98)	0.014	1.63 (0.66–4.03)	0.287
CCI > 4	1.14 (0.47–2.75)	0.777		
ISS III	1.72 (0.69–4.25)	0.243		
R-ISS III	2.38 (0.94–6.01)	0.068		
Hemoglobin < 10 g/dL	2.00 (0.75–5.37)	0.169		
Bone disease	1.07 (0.47–2.75)	0.869		
Calcium > 11 mg/dL	5.25 (1.43–19.23)	0.012	2.16 (0.44–10.68)	0.346
Creatinine > 2 mg/dL	2.70 (1.16–6.33)	0.022	2.54 (0.99–6.49)	0.052
Platelet < 100 × 10 <sup>9</sup> /L	1.85 (0.79–4.36)	0.158		
Albumin < 3.5 g/dL	2.09 (0.86–5.10)	0.106		
LDH elevation	1.52 (0.67–3.51)	0.318		
High-risk cytogenetic abnormalities	2.76 (0.74–10.31)	0.131		
Chemotherapy	0.14 (0.06–0.33)	< 0.001	0.15 (0.06–0.36)	< 0.001
Fist line chemotherapy		0.424		
Bortezomib-based		1		
Lenalidomide-based	2.68 (0.39–18.00)			
Alkylating agent-based	2.94 (0.57–15.06)			

ECOG PS, Eastern Cooperative Oncology Group Performance Status; CCI, Charlson comorbidity index; ISS, International Staging System; R-ISS, Revised International Staging System; LDH, lactate dehydrogenase.