

**S4 Table.** Univariate analysis of CEA-response for OS and PFS

		In RECIST-PR patients						In RECIST-SD patients					
		OS			PFS			OS			PFS		
		HR	95% CI	p-value	HR	95% CI	p-value	HR	95% CI	p-value	HR	95% CI	p-value
CEA-response	CEA-CR	0.48	0.27-0.82	0.01	0.68	0.42-1.07	0.10	0.35	0.10-1.14	0.08	0.23	0.05-1.01	0.05
	CEA-PR	1			1			0.57	0.33-0.95	0.03	0.53	0.30-0.91	0.02
	CEA-SD	2.27	1.35-3.81	0.002	1.86	1.18-2.89	0.01	1			1		
	CEA-PD	5.86	3.21-10.65	< 0.001	4.11	2.33-7.21	< 0.001	1.73	1.03-2.89	0.04	1.86	1.07-3.23	0.03

CEA, carcinoembryonic antigen; OS, overall survival; PFS, progression-free survival; RECIST, Response Evaluation Criteria in Solid Tumors; PR, partial response; SD, stable disease; HR, hazards ratio; CI, confidence interval; CR, complete response; PD, progressive disease.