

Table S3

PD-L1 detection in pleural effusion based on all cases with indication for PD-L1 analysis

a) Cross-classification of pleura biopsy and pleura effusion analysis results concerning PD-L1 detection;

b) Sensitivity, specificity, positive predictive value, negative predictive value, positive likelihood ratio, negative likelihood ratio

PD-L1 expression $\geq 50\%$ of tumor cells defined as positive					PD-L1 expression $\geq 1\%$ of tumor cells defined as positive				
a)					a)				
		Pleural biopsy		Σ			Pleural biopsy		Σ
		positive	negative				positive	negative	
Pleural effusion	positive	5	7	12	Pleural effusion	positive	12	5	27
	negative	2	17	19		negative	5	9	14
Σ		7	24	31	Σ		17	14	31
b)					b)				
Parameter		Estimate	95% Confidence interval		Parameter		Estimate	95% Confidence interval	
Sensitivity		71%	30-95%		Sensitivity		71%	44-89%	
Specificity		71%	49-87%		Specificity		64%	36-86%	
Positive Predictive Value		42%	16-71%		Positive Predictive Value		71%	44-89%	
Negative Predictive Value		89%	65-98%		Negative Predictive Value		64%	36-86%	
Positive Likelihood Ratio		2.45	1.12-5.34		Positive Likelihood Ratio		1.98	0.92-4.26	
Negative Likelihood Ratio		0.40	0.12-1.35		Negative Likelihood Ratio		0.46	0.20-1.05	