

Supplementary Table 1. Diagnostic performance of BAL CMV qPCR and the CMV-specific ELISPOT for predicting 30-day mortality in PCP

Variable	Sensitivity	Specificity	Predictive value		Likelihood ratio	
			Positive	Negative	Positive	Negative
BAL CMV qPCR > 2.52 log copies/mL	75 (35–97)	62 (49–73)	19 (7–36)	95 (85–99)	1.96 (1.19–3.24)	0.40 (0.12–1.36)
CMV-specific ELISPOT < 5 sfu/200,000 cells	75 (35–97)	66 (54–77)	21 (8–40)	96 (85–99)	2.22 (1.32–3.73)	0.38 (0.11–1.27)
BAL CMV qPCR > 2.52 log copies/mL & CMV-specific ELISPOT < 5 sfu/200,000 cells	50 (16–84)	85 (74–93)	29 (8–58)	94 (84–98)	3.40 (1.38–8.35)	0.59 (0.29–1.18)
BAL CMV qPCR > 2.52 log copies/mL or CMV-specific ELISPOT < 5 sfu/200,000 cells	100 (63–100)	43 (31–55)	17 (8–31)	100 (88–100)	1.74 (1.42–2.14)	-

Values are presented as percentage (95% confidence interval), except likelihood ratio. The optimal cut-off point were determined by constructing a receiver operating characteristic (ROC) curve.

BAL, bronchoalveolar lavage; CMV, cytomegalovirus; qPCR, quantitative polymerase chain reaction; ELISPOT, enzyme-linked immunospot assay; PCP, *Pneumocystitis jirovecii* pneumonia.