

Supplemental Table 3 The mean and difference for quantitative data

Indicator	Mean	Difference between mean \pm SEM
Steroid-refractory CIP vs. steroid-response CIP		
ANC ($\times 10^9/L$)	8.05 vs. 5.65	-2.40 \pm 0.89
ALC ($\times 10^9/L$)	1.22 vs. 1.14	-0.08 \pm 0.16
AEC ($\times 10^9/L$)	0.92 vs. 0.16	-0.06 \pm 0.05
Platelet count ($\times 10^9/L$)	208.8 vs. 239.6	31.58 \pm 37.74
CRP (mg/L)	70.98 vs. 58.73	-12.25 \pm 18.50
Albumin (g/L)	32.09 vs. 35.46	3.37 \pm 1.48
LDH (U/L)	324.5 vs. 301.6	-22.92 \pm 53.57
Procalcitonin (mg/ml)	1.63 vs. 0.20	-1.44 \pm 0.59
T cell (%)	63.94 vs. 72.01	8.07 \pm 5.83
CD4 ⁺ T cell (%)	33.19 vs. 38.67	5.48 \pm 4.51
CD8 ⁺ T cell (%)	27.36 vs. 28.27	0.91 \pm 4.58
B cell (%)	14.42 vs. 10.94	-3.48 \pm 5.59
NK cell (%)	20.29 vs. 14.96	-5.34 \pm 4.75
IL-1 α (log ₁₀) (pg/ml)	0.50 vs. 0.57	0.07 \pm 0.33
IL-2 (log ₁₀) (pg/ml)	0.18 vs. 0.18	0.00 \pm 0.11
IL-4 (log ₁₀) (pg/ml)	0.21 vs. 0.27	0.06 \pm 0.12
IL-5 (log ₁₀) (pg/ml)	0.30 vs. 0.41	0.10 \pm 0.15
IL-6 (log ₁₀) (pg/ml)	1.19 vs. 0.99	-0.20 \pm 0.26
IL-8 (log ₁₀) (pg/ml)	0.70 vs. 0.78	0.08 \pm 0.20
IL-10 (log ₁₀) (pg/ml)	0.08 vs. 0.31	0.22 \pm 0.14
IL-12p (log ₁₀) (pg/ml)	0.31 vs. 0.35	0.05 \pm 0.13
IL-17 (log ₁₀) (pg/ml)	0.49 vs. 0.48	-0.02 \pm 0.20
IFN- α (log ₁₀) (pg/ml)	0.31 vs. 0.28	-0.03 \pm 0.15
IFN- γ (log ₁₀) (pg/ml)	0.74 vs. 0.81	0.07 \pm 0.22
TNF- α (log ₁₀) (pg/ml)	0.40 vs. 0.45	0.10 \pm 0.17
Ichikado CT score	146.7 vs. 126.7	-20.01 \pm 11.81
Initial steroid-refractory CIP vs. late steroid-refractory CIP		
ANC ($\times 10^9/L$)	8.07 vs. 9.21	1.14 \pm 1.83
ALC ($\times 10^9/L$)	0.98 vs. 1.68	0.70 \pm 0.32
AEC ($\times 10^9/L$)	0.08 vs. 0.11	0.03 \pm 0.06
Platelet count ($\times 10^9/L$)	220.4 vs. 174.6	-45.80 \pm 52.85
CRP (mg/L)	79.95 vs. 38.27	-41.68 vs. 36.72
Albumin (g/L)	31.43 vs. 33.47	2.04 \pm 2.32
LDH (U/L)	368.8 vs. 251.6	-117.2 \pm 52.36
Procalcitonin (mg/ml)	1.30 vs. 3.59	2.29 \pm 2.13
IL-1 α (log ₁₀) (pg/ml)	0.39 vs. 0.67	0.28 \pm 0.57
IL-2 (log ₁₀) (pg/ml)	0.24 vs. 0.07	-0.17 \pm 0.20
IL-4 (log ₁₀) (pg/ml)	0.28 vs. 0.09	-0.19 \pm 0.19
IL-5 (log ₁₀) (pg/ml)	0.31 vs. 0.29	-0.02 \pm 0.28
IL-6 (log ₁₀) (pg/ml)	1.31 vs. 0.96	-0.35 \pm 0.43

IL-8 (log ₁₀) (pg/ml)	0.91 vs. 0.39	-0.52 ± 0.29
IL-10 (log ₁₀) (pg/ml)	0.15 vs. -0.03	-0.18 ± 0.22
IL-12p (log ₁₀) (pg/ml)	0.29 vs. 0.32	0.03 ± 0.22
IL-17 (log ₁₀) (pg/ml)	0.46 vs. 0.54	0.08 ± 0.35
IFN-α (log ₁₀) (pg/ml)	0.22 vs. 0.43	0.21 ± 0.26
IFN-γ (log ₁₀) (pg/ml)	0.80 vs. 0.63	-0.17 ± 0.36
TNF-α (log ₁₀) (pg/ml)	0.36 vs. 0.47	0.11 ± 0.26
Ichikado CT score	158.0 vs. 120.0	-37.98 ± 16.00

SEM, standard error of mean; CIP, checkpoint inhibitor pneumonitis; ANC, absolute neutrophil count; ALC, absolute lymphocyte count; AEC, absolute eosinophil count; CRP, C-reaction protein; LDH, lactate dehydrogenase; IL, interleukin; IFN, interferon; TNF, tumor necrosis factor.
