**Supplementary Figure 1. Dendrogram of patients with IIPs using cluster analysis**



Four clusters were identified in the cluster analysis using clinical data.

IIP, idiopathic interstitial pneumonia

**Supplementary Figure 2. Overall survival in the new clusters derived from Cluster II**



Overall survival did not differ between the new two clusters.

**Supplementary Figure 3.** **Cumulative incidence of acute exacerbations in the new clusters derived from Cluster II**



The cumulative incidence of acute exacerbations did not differ between the new two clusters.