Supplemental Table 1. Comparison of other data between patients with AE-CTD-IP and those with AE-IPF

|                          | AE-CTD-IP (n=15, median (range)) | AE-IPF (n=48, median (range)) | p value |
|--------------------------|----------------------------------|--------------------------------|---------|
| Period from symptom onset to AE, mo | 12 (0, 126)                      | 45 (0, 203)                    | 0.123   |
| Period from IP-diagnosis to AE, mo | 74 (0, 226)                      | 76 (0, 205)                    | 0.881   |
| Extent scores on HRCT before AE * (full score: 25) | 12 (4, 19)                       | 13 (7, 19)                     | 0.803   |
| Extent of emphysema on HRCT before AE * none / mild / moderate / severe / unknown | 10 / 5 / 0 / 0 / 0 | 20 / 18 / 4 / 4 / 2 | 0.267   |
| Serum ferritin at AE, ng/mL | 257 (35, 613)                     | 247 (34, 1120)                 | 0.318   |
| Extent of honeycombing on HRCT at AE none / mild / moderate / severe / unknown | 8 / 4 / 1 / 2 / 0 | 6 / 15 / 19 / 6 / 2 | 0.007   |
| Administration of sivelestat sodium hydrate, + / - | 3 / 12                           | 10 / 38                        | 0.999** |

* HRCT findings were evaluated within 12 months before AE-IPF.
** Fisher’s exact probability test
Abbreviations; AE: acute exacerbation, CTD: connective tissue disease, IP: interstitial pneumonia, HRCT: high-resolution computed tomography.