**Supplemental Table 2 Baseline characteristics of included Patient**

|  |  |
| --- | --- |
|  | **Patients（n=8）** |
| **Characteristics** | **No. Patients (%)** |
| Age(years) | ＜65 | 6(75.0%) |
| ≥65 | 2(25.0%) |
| Median（range） | 56(27-72) |
| Sex | Male | 6(75.0%) |
| Female | 2(25.0%) |
| Clinical Stage | III | 1(12.5%) |
| IV | 7(87.5%) |
| Histology-Based Subtyping | Adenocarcinoma | 6(75.0%) |
| Squamous | 1(12.5%) |
| Adenosquamous Carcinoma | 1(12.5%) |
| Smoking Status | Never-Smoker | 2(25.0%) |
|   | Former-Smoker | 4(50.0%) |
|  | Unknow | 2(25.0%) |
| Immunotherapy drugs | Pembrolizumab | 5(62.5%) |
|  | Sintilimab | 3(37.5%) |
| Immunotherapy status | pseudo-progression | 4(50%) |
|  | hyper-progressive disease | 4(50%) |