

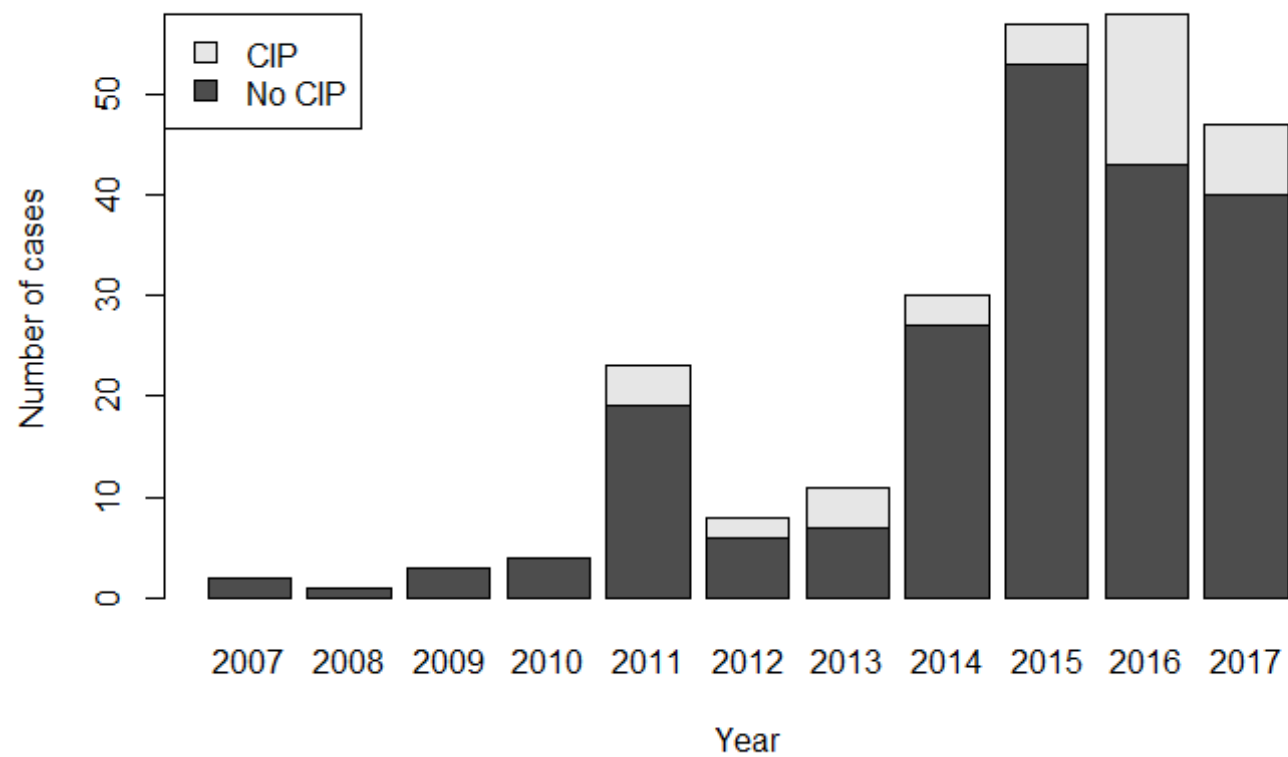
## Supplemental Data

**Table S1: CIP Grade definitions (CTCAE)**

| Grade | Pneumonitis  |
|-------|--|
| 0     | None   |
| 1     | Asymptomatic; radiographic findings only                   |
| 2     | Symptomatic but not interfering with ADL                   |
| 3     | Symptomatic, interfering with ADL, O <sub>2</sub> required |
| 4     | Life threatening; respiratory failure                      |
| 5     | Death  |

ADL: Activities of daily living

**Figure S1: Number of total and CIP cases by year**



**Figure S1**

Figure 1: Time to Onset of CIP

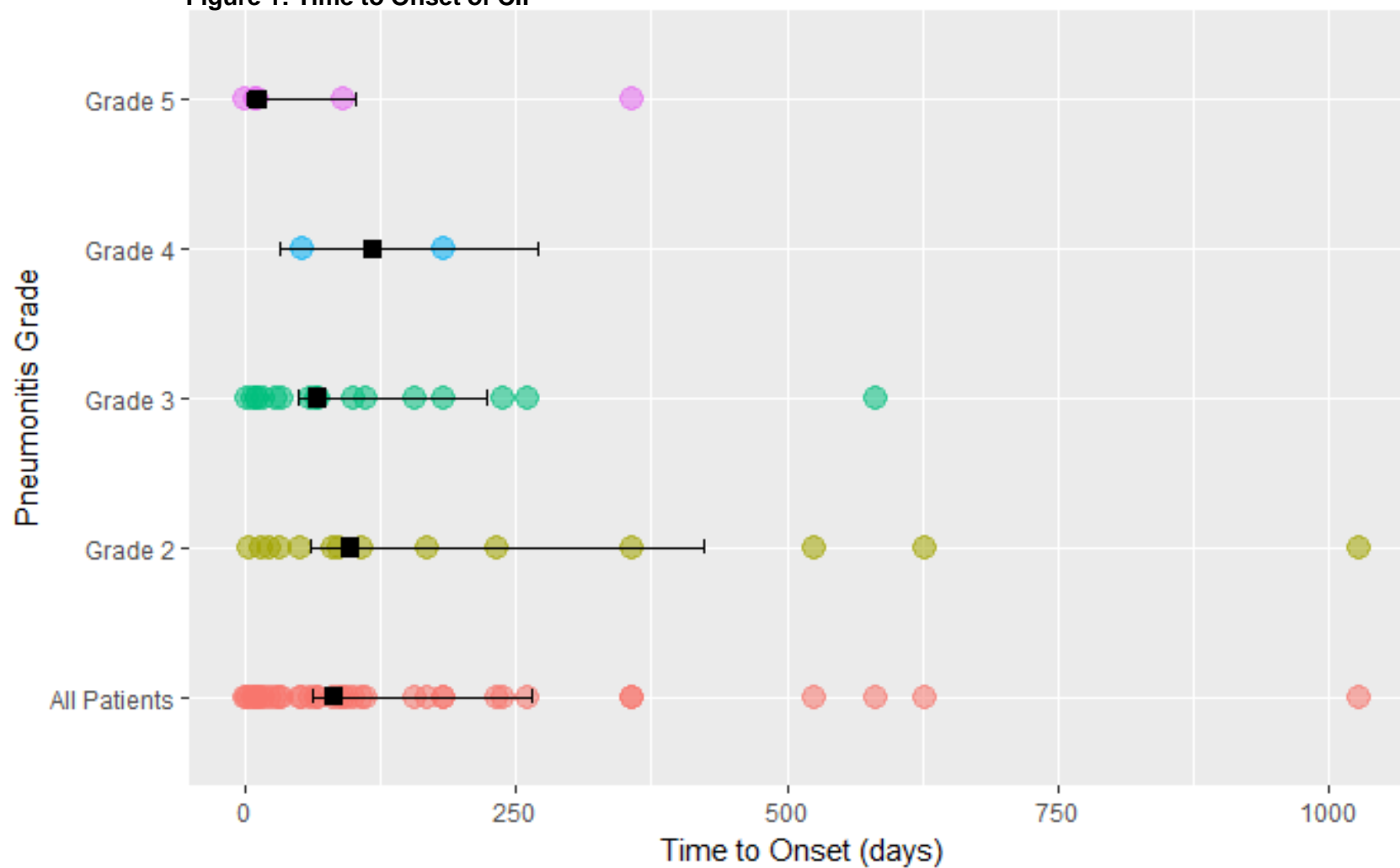
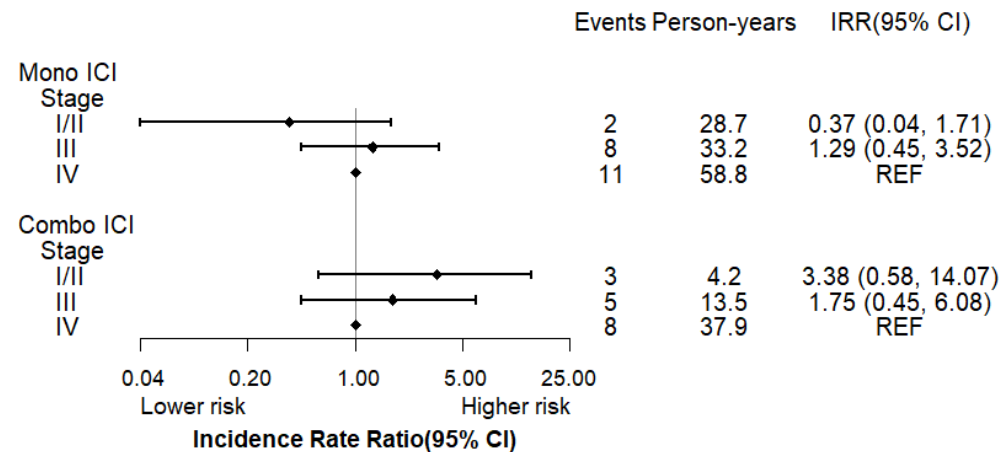


Figure S2

**Table S2: Median time to onset of CIP**

| Grade | Median<br>(days) | IQR   |        |
|-------|------------------|-------|--------|
|       |                  | 25%   | 75%    |
| All   | 82.0             | 20.00 | 183.50 |
| 2     | 97.5             | 37.00 | 326.00 |
| 3     | 67.0             | 17.00 | 157.00 |
| 4     | 118.5            | 85.75 | 151.25 |
| 5     | 12.0             | 9.00  | 91.00  |

### CIP Incidence Rate by type of ICI therapy



### CIP Incidence by tumor histology and Stage

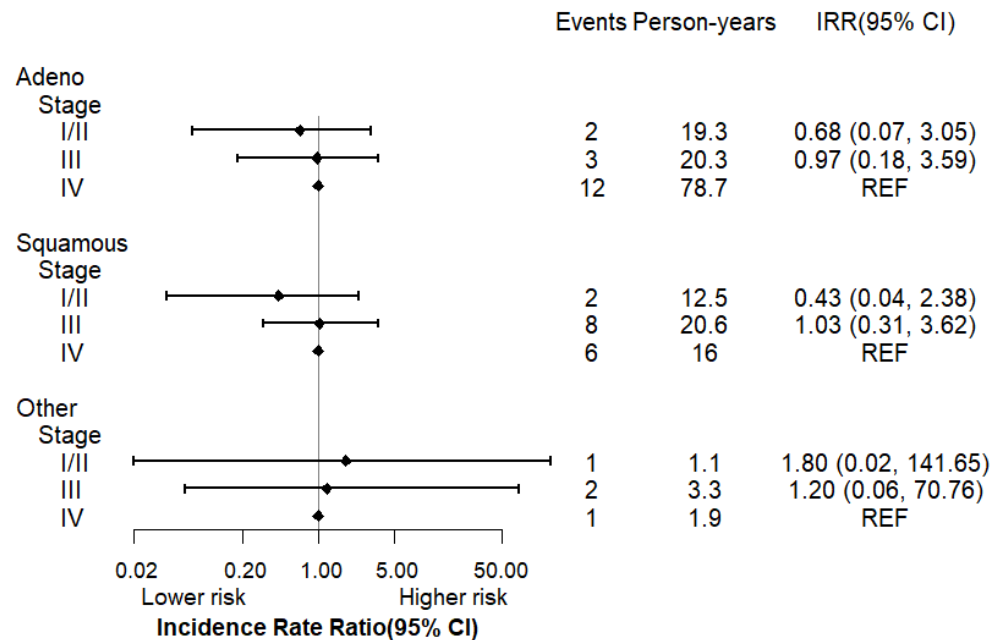
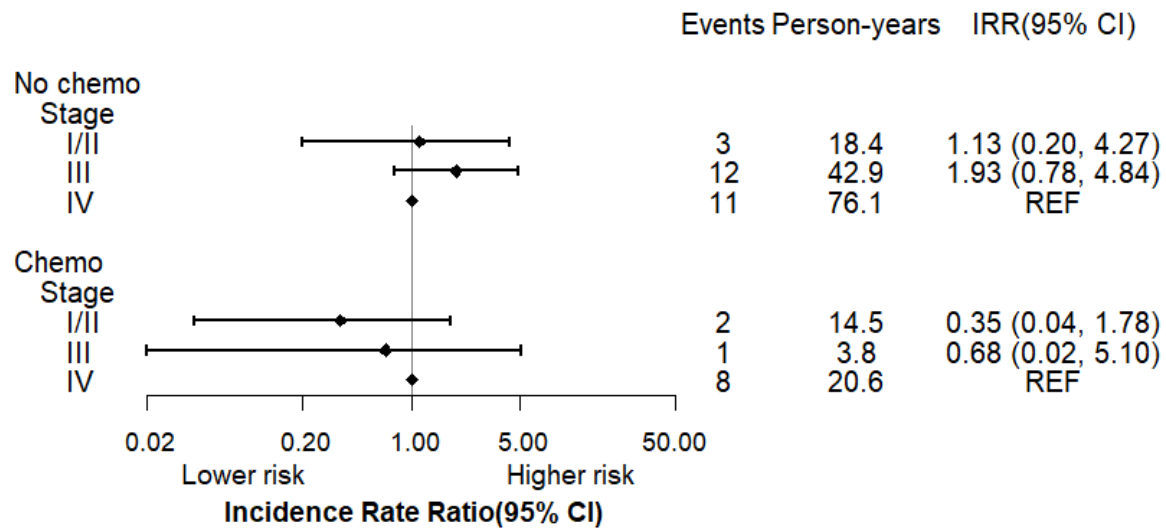
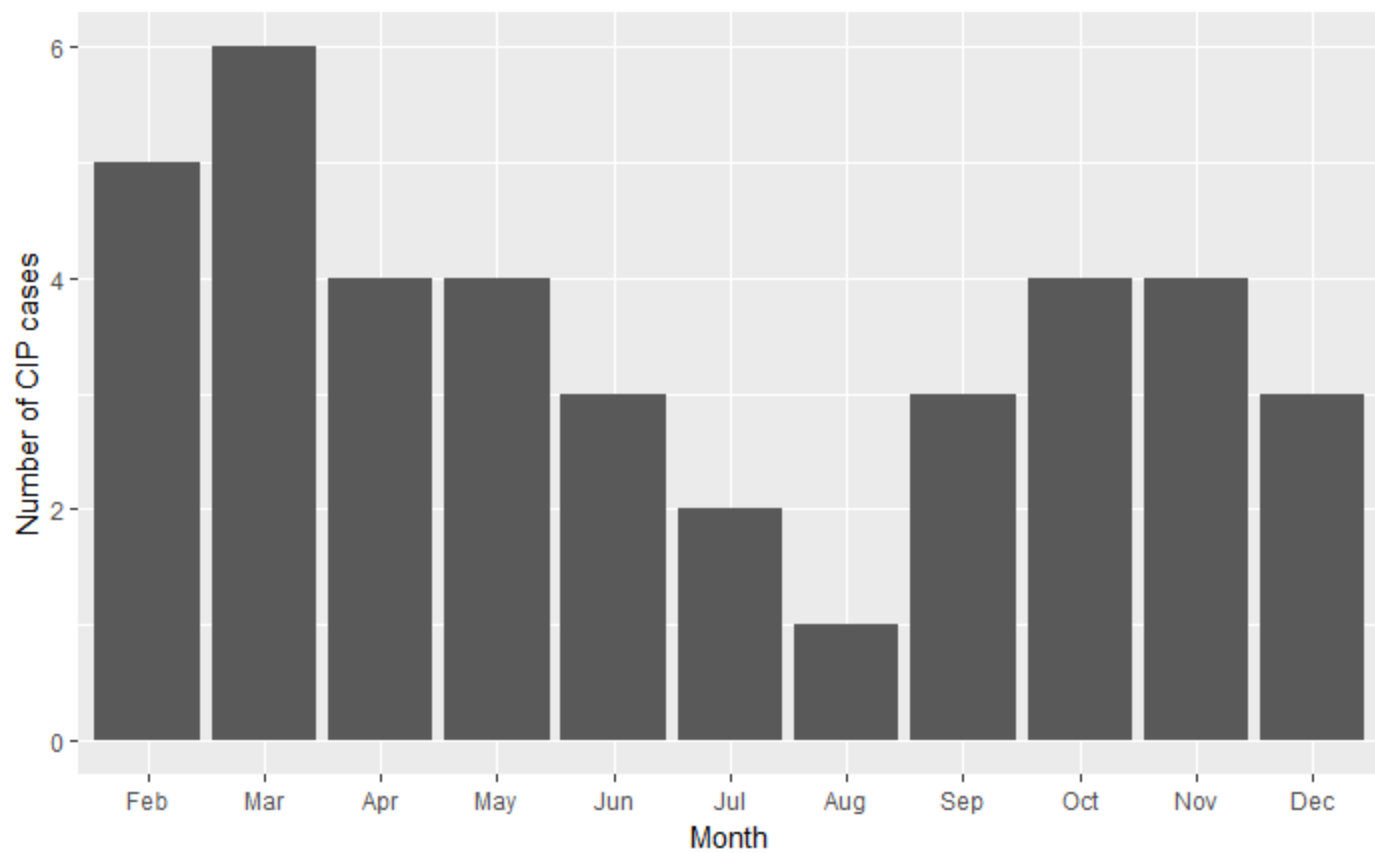


Figure S3

**Figure S4: CIP Incidence by chemotherapy use and stage**



**Figure S4**



**Figure S5**