Table S-1 Response Metrics (per RECIST) in Melanoma Patients
(Ipilimumab-Naive Melanoma (KEYNOTE -006) )

|  |  |  |
| --- | --- | --- |
|   | 1L | 2L |
|   | n | % | n | % |
| **Pembrolizumab arm** |   |   |   |   |
| Trichotomized response status (PR/CR vs. SD vs. PD) (~Week 12) | 327 | 100 | 175 | 100 |
|  PR/CR | 119 | **36.4** | 42 | **24.0** |
|  SD | 86 | **26.3** | 41 | **23.4** |
|  PD | 122 | 37.3 | 92 | 52.6 |
| Best trichotomized response status (PR/CR vs. SD vs. PD) | 326 | 100 | 175 | 100 |
|  PR/CR | 148 | **45.4** | 59 | **33.7** |
|  SD | 61 | **18.7** | 23 | **13.1** |
|  PD | 117 | 35.9 | 93 | 53.1 |
| **Ipilimumab arm** |   |   |   |   |
| Trichotomized response status (PR/CR vs. SD vs. PD) (~Week 12) | 150 | 100 | 72 | 100 |
|  PR/CR | 18 | 12.0 | 9 | 12.5 |
|  SD | 42 | 28.0 | 20 | 27.8 |
|  PD | 90 | 60.0 | 43 | 59.7 |
| Best trichotomized response status (PR/CR vs. SD vs. PD) | 148 | 100 | 72 | 100 |
|  PR/CR | 24 | 16.2 | 13 | 18.1 |
|  SD | 35 | 23.6 | 16 | 22.2 |
|  PD | 89 | 60.1 | 43 | 59.7 |