Table 0.1. Exploratory Analysis Clinical Features

Clinical Characteristic  $\,$  NHQS (n = 393)  $\,$  HQS (n = 152)

Line of Therapy		
I II III IV V VI VII VIII Stage of Disease	143 (36.76%) $150 (38.56%)$ $52 (13.36%)$ $22 (5.65%)$ $12 (3.08%)$ $8 (2.05%)$ $1 (0.25%)$ $1 (0.25%)$	48 (32.43%) 64 (43.24%) 23 (15.54%) 9 (6.08%) 2 (1.35%) 1 (0.67%) 1 (0.67%)
I	33 (9.06%)	14 (10%)
II III IV Sex	31 (8.51%) 92 (25.27%) 208 (57.14%)	10 (7.14%) 34 (24.28%) 82 (58.57%)
M F	182 (46.78%) 207 (53.21%)	65 (43.91%) 83 (56.08%)
Smoking Status	201 (00.2170)	00 (00:0070)
Never $\{0\}$ Former $\{1\}$ Current $\{2\}$	46 (11.82%) 283 (72.75%) 60 (15.42%)	23 (15.54%) 104 (70.27%) 21 (14.189%)
$\mathbf{Age}$		
{20-29} {30-39} {40-49} {50-59} {60-69} {70-79} {80-89}	$\begin{array}{c} 1 \; (0.25\%) \\ 2 \; (0.51\%) \\ 32 \; (8.24\%) \\ 90 \; (23.19\%) \\ 148 \; (38.14\%) \\ 95 \; (24.48\%) \\ 20 \; (5.15\%) \end{array}$	14 (9.52%) 34 (23.12%) 53 (36.05%) 41 (27.89%) 5 (3.40%)
Tumor Type		
LC-NE Squamous Adeno Other	$\begin{array}{c} 2 \ (1.35\%) \\ 32 \ (21.62\%) \\ 110 \ (74.32\%) \\ 4 \ (2.70\%) \end{array}$	9 (2.13%) 77 (19.79%) 286 (73.52%) 17 (4.37%)
PD-L1 Category		
PD-L1 + Chemotherapy PD-L1 + CTLA4 PD-L1	7 (1.79%) 65 (16.71%) 317 (81.49%)	7 (4.73%) 11 (7.43%) 130 (87.83%)
Best Overall Survival Categorized		
SD PD CR/PR	108 (28.64%) 127 (33.68%) 142 (37.66%)	39 (28.67%) 45 (33.08%) 52 (38.23%)