Responses Revisor A

All corrections accepted in the manuscript.

Responses Revisor C

Comment 1: The acronym VTE appears in the second paragraph in the introduction section, however description was only included in the third paragraph.

Response: Corrected

Comment 2: In the inclusion criteria, “histology” was excluded. However, this variable was included in the exclusion criteria, also in the methods section.

Response: Corrected

Comment 3: In “clinical data” section, age and date of birth were both considered, however these two variables provide the same infomatin.

Response: We choose to use only the variable age.

Comment 4: For continuous variables, standard deviation needs to be included as measure to be used when mean was used.

Response: Corrected

Comment 5: In all document, replace “multivariate” by “multivariable”

Response: Corrected

Comment 6: In section 3.1, is referred “The average age at time of VTE was 66 years”. However, in the table is reported the median. Please verify.

Response: Verified

Comment 7: The first phrase of section 3.2 should be included as first phrase of section 3.1 in order to justify the sample size.

Response: Corrected

Comment 8: The second paragraph of the section 3.2 referred the table 2, however it is unclear where the information referred to comes from.

Response: Corrected

Comment 9: Information about P25-P75 should be included for the variable “Time of lung cancer diagnosis and VTE event” in Table 2

Response: Corrected

Comment 10: At the beginning of section 3.4, two information were considered for the median time: “After a median follow up of 1.4 months (range, 0 to 33)”,and “The median survival rate was 1.5 months”. Could you please explain the difference between these two “medians”?

Response: The median survival is the smallest time at which the survival probability drops to 0.5 (50%) or below. A median follow up of 1.4 months means that 50% of patients had a follow up of more than 1.4 months, and another 50% falls below that value.

Comment 11: Could you please include the variable “ECOG” and “disease progression” in Table 1. As predictive factors of overall survival, it is important to shown the distribution of both variables.

Response: Corrected

Comment 12: In Table 1, age groups used are different from Cox model. Why diferente age groups were considered? In my opinion, the same age groups should be considered in both analyses.

Response: Corrected