

Supplementary Table 3. PICO criteria

Element	Inclusion Criteria	Exclusion Criteria
<i>Participant</i>	Adult patients with colon or lung cancer	Animal studies Papers focused only on patients under the age of 65
<i>Intervention or exposure of interest</i>	Older age Increasing age	
<i>Comparator</i>	Middle-aged or younger-aged	Papers that do not compare survival by age group, or did not investigate the impact of increasing age on survival
<i>Outcome</i>	Survival or mortality risk	
<i>Study design</i>	Population-based	Clinical studies and clinical trials because of the strict inclusion criteria and underrepresentation of older adults in trials. Studies where no association between age and survival are reported.
<i>Article type</i>	Original articles or letters	Conference abstracts and reviews
<i>Language</i>	English	
<i>Study period</i>	From the inception of each electronic databases to 18 September 2020	