Figure S1. Flow diagram of study participants

National Health Insurance (NHI) Cohort (n=1000000)

Lung or Gastric cancer patients
(n = 13829 / 13750)

Exclusion criteria

- Diagnosed with Lung or Gastric cancer before 2004
- Diagnosed with other cancer within the last 5 years

Patients during 2005~2015 (n = 9871 / 9368)

Patients who received surgical treatment
(n = 1510 / 3531)

Exclusion criteria

- Individuals who died within 30 days of first diagnosis
- Over 80 years of age or Medical-aid beneficiaries
- Patients who received surgical treatment after 1 year of diagnosis

810 (Lung) and 2659 (Gastric) cancer patients