**A. Colon cancer**

**B. Rectal cancer**

**Figure S1.** Estimated hazard ratios of chemotherapy and radiotherapy on cognitive impairment under time lag of 6 months.

**A. Colon cancer**

**B. Rectal cancer**

**Figure S2.** Estimated hazard ratios of chemotherapy and radiotherapy on cognitive impairment under time lag of 12 months.

**A. Colon cancer**

**B. Rectal cancer**

**Figure S3.** Estimated hazard ratios of chemotherapy and radiotherapy on cognitive impairment under time lag of 12 months.