**A) Colon cancer, time lag = 6 months B) Rectal cancer, time lag = 6 months**

 **C) Colon cancer, time lag = 12 months D) Rectal cancer, time lag = 12 months**

 **E) Colon cancer, time lag = 18 months F) Rectal cancer, time lag = 18 months**

**Supplementary Material 7.** Estimated hazard ratios of chemotherapy and radiotherapy on cognitive impairment under landmark analyses. Landmark analyses with time lags of 6, 12 and 18 months showed no significant differences with main analyses. Protective effect of folate therapy was more prominent in older patients.