Additional file 3: Probability (%) of condition present as a single or multiple comorbidity, by deprivation group (Rectal cancer)

**Hypertension**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**COPD**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**Diabetes**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**CVD**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**CHF**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**PVD**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**MI**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**Previous malignancy**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**Rheumatological conditions**

- Solid line: Most deprived patients
- Dashed line: Least deprived patients

**Note:** Solid line represents most deprived patients, dashed line represents least deprived patients

Additional file 3: Probability (%) of condition present as a single or multiple comorbidity, by deprivation group (Rectal cancer)