

## Supplementary Data

### Box S1: Search strategy

The search string for the Embase (Ovid) database, which will be adapted for other databases:

- 1 exp neoplasm/
- 2 (cancer\* or neoplas\* or tumo\* or carcinoma\* or hodgkin\* or nonhodgkin\* or adenocarcinoma\* or leuk?emia\*1 or metasta\* or malignan\* or lymphoma\* or sarcoma\* or melanoma\* or myeloma\* or oncolog\*).tw.
- 3 1 or 2
- 4 exp minority group/
- 5 exp ethnic group/
- 6 exp refugee/
- 7 exp "ethnic and racial groups"/
- 8 exp race/
- 9 exp Hispanic/
- 10 exp Negro/
- 11 exp American Indian/
- 12 exp Asian/
- 13 exp Caucasian/
- 14 exp Aborigine/
- 15 exp African American/
- 16 exp Arab/
- 17 exp Asian American/
- 18 exp gipsy/
- 19 exp Hispanic/
- 20 exp Eskimo/
- 21 exp jew/
- 22 exp religion/
- 23 (refugee\* or immigrant\* or ethnic\* or minorit\* 'ethnic minority' or 'ethnic minorities' or 'ethnic group' or 'ethnic groups' or 'racial group' or 'racial groups' or indigenous).mp.
- 24 (multiracial\* or multi racial\*).mp.

- 25 (multiethnic\* or multi ethnic\*).mp.
- 26 (migrant\* or immigrant\*).mp.
- 27 (refugee\* or asylum seeker\*).mp.
- 28 (multilingual or multi lingual).mp.
- 29 (multicultural or multi cultural or crosscultural or cross cultural or transcultural or trans cultural).mp.
- 30 (islam\* or hinduism\* or buddhism\* or sikh).mp.
- 31 cultural diversit\*.mp.
- 32 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31
- 33 (gender based or gender related or gender differences or gender factors).ti,ab.
- 34 (sex or gender).ti,ab.
- 35 (woman or women or female\* or lady or ladies).ti,ab.
- 36 33 or 34 or 35
- 37 32 or 36
- 38 (general pract\* or family pract\* or primary care).tw.
- 39 exp Primary health care/
- 40 exp Family practice/
- 41 ((general or family) adj (practice\$ or practitioner\$)).ti,ab.
- 42 (primary care or primary healthcare or primary health care or primary health service\$).ti,ab.
- 43 (family adj (medic\$ or doctor\$ or physician\$ or health)).ti,ab.
- 44 (primary adj (care or health\*)).ti,ab.
- 45 ((family or general or community) adj (doctor\* or physician\* or practi\* or health\*)).ti,ab.
- 46 (health adj1 administrative).mp.
- 47 (community adj (care or health\*)).ti,ab.
- 48 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47
- 49 (randomis\* or randomiz\* or randomly).tw.
- 50 rct\*.tw.
- 51 (controlled or "control group\*" or "intervention group\*").tw.
- 52 ((single or doubl\* or tripl\* or treb\*) and (blind\* or mask\*)).tw.
- 53 ("4 arm" or "four arm").tw.

- 54 ((before adj4 after) or "BA stud\*" or "CBA stud\*").tw.
- 55 ("pre post" or "pre test\*" or pretest\* or posttest\* or "post test\*" or (pre adj3 post)).tw.
- 56 (interrupt\* adj2 "time series").tw.
- 57 ("time points" adj3 (over or multiple or three or four or five or six or seven or eight or nine or ten or eleven or twelve or month\* or hour\* or day\* or "more than")).tw.
- 58 (("quasi experiment\*" or quasiexperiment\* or "quasi random\*" or quasirandom\* or "quasi control\*" or quasicontrol\*) adj3 (method\* or stud\* or design\*)).tw.
- 59 epidemiology/
- 60 exp case control study/
- 61 cohort analysis/
- 62 cross sectional study/
- 63 case study/
- 64 follow up/
- 65 longitudinal study/
- 66 retrospective study/
- 67 prospective study/
- 68 observational study/
- 69 correlational study/
- 70 epidemiologic.ab,ti.
- 71 case control.ab,ti.
- 72 case referent.ab,ti.
- 73 case stud\$.ab,ti.
- 74 survey\*.ti,ab.
- 75 case series.ab,ti.
- 76 cohort?.ab,ti.
- 77 cross sectional.ab,ti.
- 78 follow up.ab,ti.
- 79 longitudinal.ab,ti.

80 retrospective\$.ab,ti.

81 prospective\$.ab,ti.

82 observational.ab,ti.

83 adverse effect?.ab,ti.

84 (Controlled before and after).ab,ti.

85 Interrupted time series.ab,ti.

86 Correlational.ab,ti.

87 ecological stud\$.ab,ti.

88 Descriptive stud\$.ab,ti.

89 (correlation or interrupted time or observational or prospective\$ or retrospective\$ or longitudinal or follow up or case control or epidemiologic).mp.

90 regression.mp.

91 univariate.mp.

92 multivariate.mp.

93 quantitative.mp.

94 variance.mp.

95 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94

96 stage.ti,ab.

97 "emergency presentat\*".ti,ab.

98 ("diagnostic interval\*" or "interval of diagnosis").mp.

99 (consult\* or appoint\* or visit).ti,ab.

100 (mortal\$ or death or survival or fatal\$).mp.

101 96 or 97 or 98 or 99 or 100

102 3 and 37 and 48 and 95 and 101

103 limit 102 to yr="2000 -Current"

104 limit 103 to english language

## Box S2: Data extraction instrument

Draft data extraction form:

1. Author(s)	
2. Year of publication	
3. Origin/ Country of origin	
4. Aim/objective	
5. Study population and sample size including mean age and type of cancer being studied	
6. Methodology	
7. Outcomes and details relevant to gender	
8. Key findings relevant to gender (without or without ethnicity) and cancer outcomes based on route of diagnosis and confounders such as age and deprivation.	