# Quality rating system for methodological quality of articles

**Data source**
- Routine data (e.g. health authority, general practice list data) - 0
- Project specific data - 1

**Sample size**
- < 30 cases in ethnic groups for major outcomes - 1
- 30 or more but < 199 cases in ethnic groups for major outcomes - 2
- Total sample size > 200 - 3

(Maximum 3)

**Adjustment for confounding variables**
- None - 0
- Age and gender - 1
- Diagnosis or disease severity (give 1 point if this sample is selected by diagnosis) - 1
- Comorbidity and risk factors for outcome of interest - 1–3

(Maximum 5)

**Ethnicity coding quality**
- Not recorded - 0
- Third party reports (e.g. ward staff categorisation, name-based methods, skin colour methods) - 1
- Self-reported ethnicity or use of census categories - 2
- Hypothesis-driven ethnic categorisation - 3

(Maximum 3)

**Ethnicity analysis**
- Inappropriate ethnic groups combined (e.g. Black v. all others) - 0
- Lumpimg of groups: reasonable combinations of groups - 1
- All analysis done on ethnic groups without amalgamation - 2

(Maximum 2)

Overall maximum score - 14

Adapted from Bhui et al (2003).

**REFERENCE**