Figure 1. Flowchart of study selection.

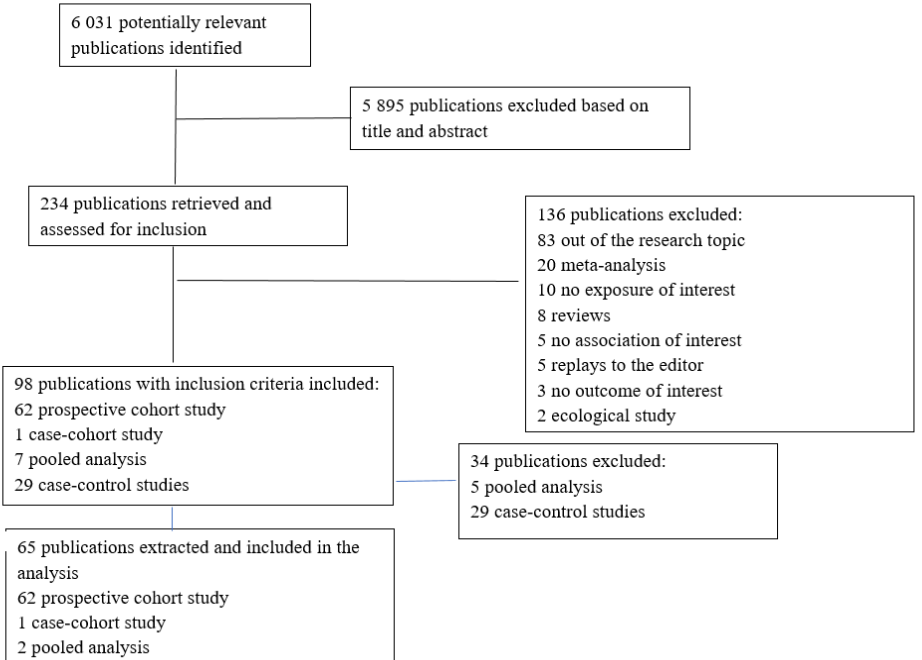
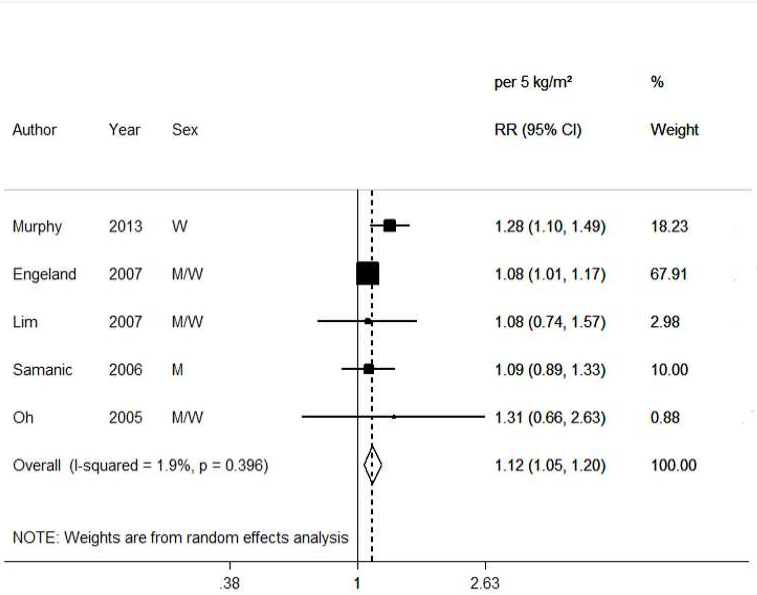


Figure 2

A: BMI and risk of Hodgkin lymphoma, per 5 kg/m^2



B: BMI and risk of Hodgkin lymphoma, non-linear dose-response

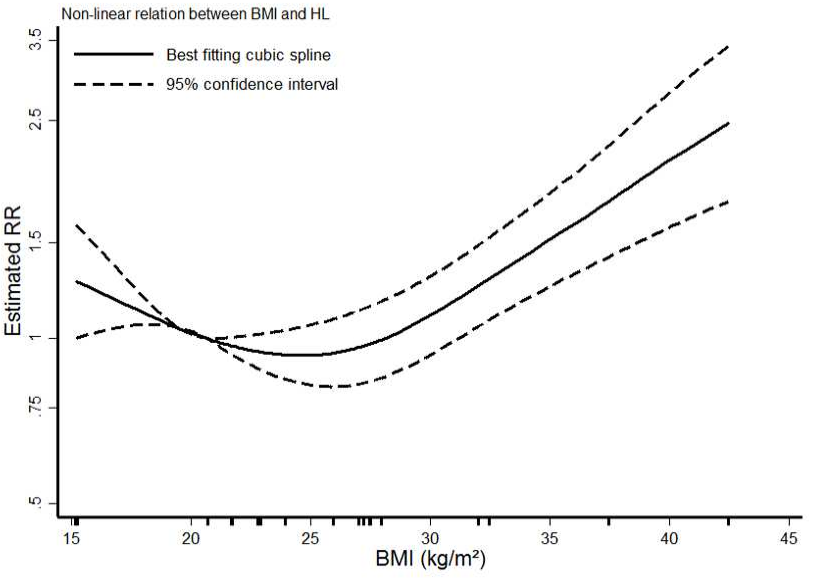


Figure 3

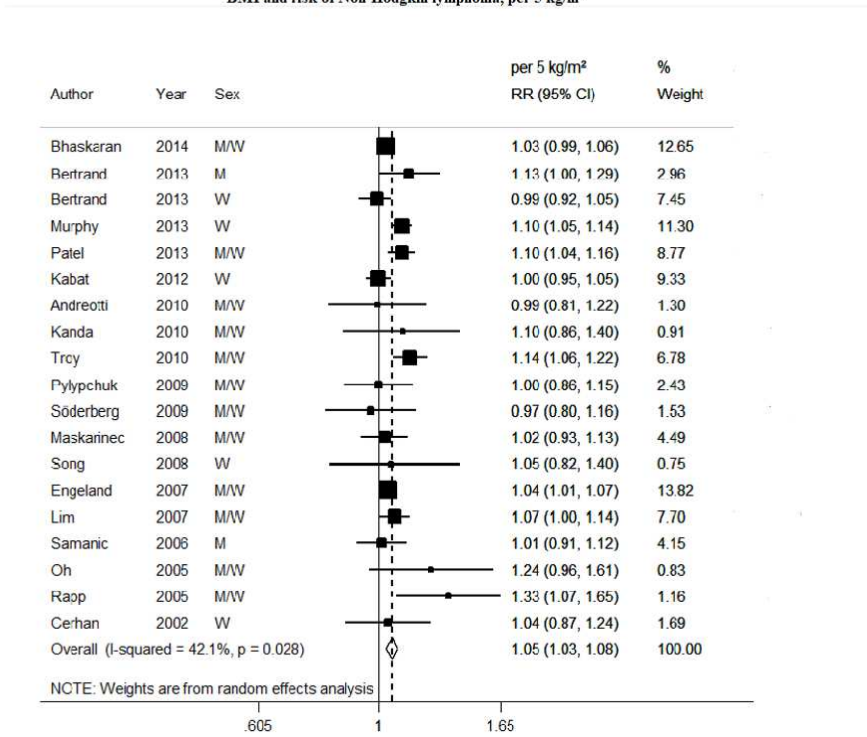
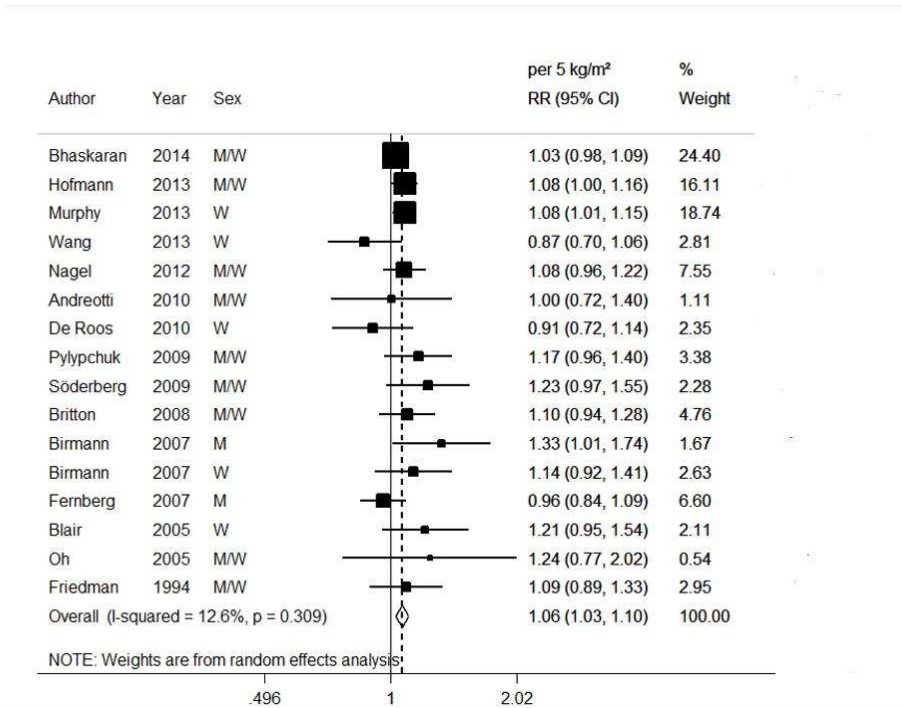

BMI and risk of Non-Hodgkin lymphoma, per 5 kg/m²
Author
Year
Sex
per 5 kg/m²
RR (95% CI)
%
Weight
Bhaskaran 2014 M/W 1.03 (0.99, 1.06) 12.65
Bertrand 2013 M 1.13 (1.00, 1.29) 2.96
Bertrand 2013 W 0.99 (0.92, 1.05) 7.45
Murphy 2013 W 1.10 (1.05, 1.14) 11.30
Patel 2013 M/W 1.10 (1.04, 1.16) 8.77
Kabat 2012 W 1.00 (0.95, 1.05) 9.33
Andreotti 2010 M/W 0.99 (0.81, 1.22) 1.30
Kanda 2010 M/W 1.10 (0.86, 1.40) 0.91
Troy 2010 M/W 1.14 (1.06, 1.22) 6.78
Pylypchuk 2009 M/W 1.00 (0.86, 1.15) 2.43
Söderberg 2009 M/W 0.97 (0.80, 1.16) 1.53
Maskarinec 2008 M/W 1.02 (0.93, 1.13) 4.49
Song 2008 W 1.05 (0.82, 1.40) 0.75
Engeland 2007 M/W 1.04 (1.01, 1.07) 13.82
Lim 2007 M/W 1.07 (1.00, 1.14) 7.70
Samanic 2006 M 1.01 (0.91, 1.12) 4.15
Oh 2005 M/W 1.24 (0.96, 1.61) 0.83
Raap 2005 M/W 1.33 (1.07, 1.65) 1.16
Cerhan 2002 W 1.04 (0.87, 1.24) 1.69
Overall (I-squared = 42.1%, p = 0.028) 1.05 (1.03, 1.08) 100.00
NOTE: Weights are from random effects analysis
.605
1
1.65

Figure 4


BMI and risk of Multiple myeloma, per 5 kg/m²
Author
Year
Sex
per 5 kg/m²
RR (95% CI)
%
Weight
Bhaskaran 2014 M/W 1.03 (0.98, 1.09) 24.40
Hofmann 2013 M/W 1.08 (1.00, 1.16) 16.11
Murphy 2013 W 1.08 (1.01, 1.15) 18.74
Wang 2013 W 0.87 (0.70, 1.06) 2.81
Nagel 2012 M/W 1.08 (0.96, 1.22) 7.55
Andreotti 2010 M/W 1.00 (0.72, 1.40) 1.11
De Roos 2010 W 0.91 (0.72, 1.14) 2.35
Pylypchuk 2009 M/W 1.17 (0.96, 1.40) 3.38
Söderberg 2009 M/W 1.23 (0.97, 1.55) 2.28
Britton 2008 M/W 1.10 (0.94, 1.28) 4.76
Birmann 2007 M 1.33 (1.01, 1.74) 1.67
Birmann 2007 W 1.14 (0.92, 1.41) 2.63
Fernberg 2007 M 0.96 (0.84, 1.09) 6.60
Blair 2005 W 1.21 (0.95, 1.54) 2.11
Oh 2005 M/W 1.24 (0.77, 2.02) 0.54
Friedman 1994 M/W 1.09 (0.89, 1.33) 2.95
Overall (I-squared = 12.6%, p = 0.309) 1.06 (1.03, 1.10) 100.00
NOTE: Weights are from random effects analysis
.496
1
2.02

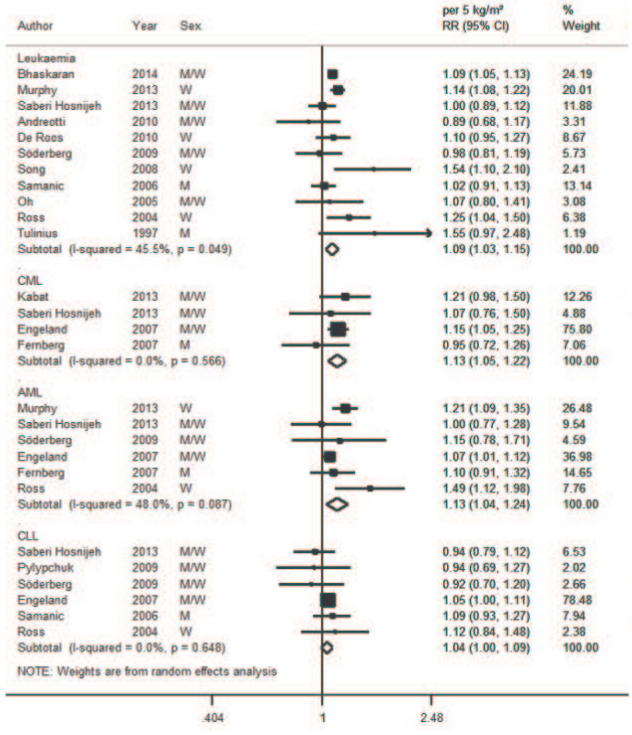


Figure 5.

BMI and risk of Leukaemia, Chronic myeloid leukaemia (CML), Acute myeloid leukaemia (AML) and Chronic lymphocytic leukaemia (CLL), per 5 kg/m²