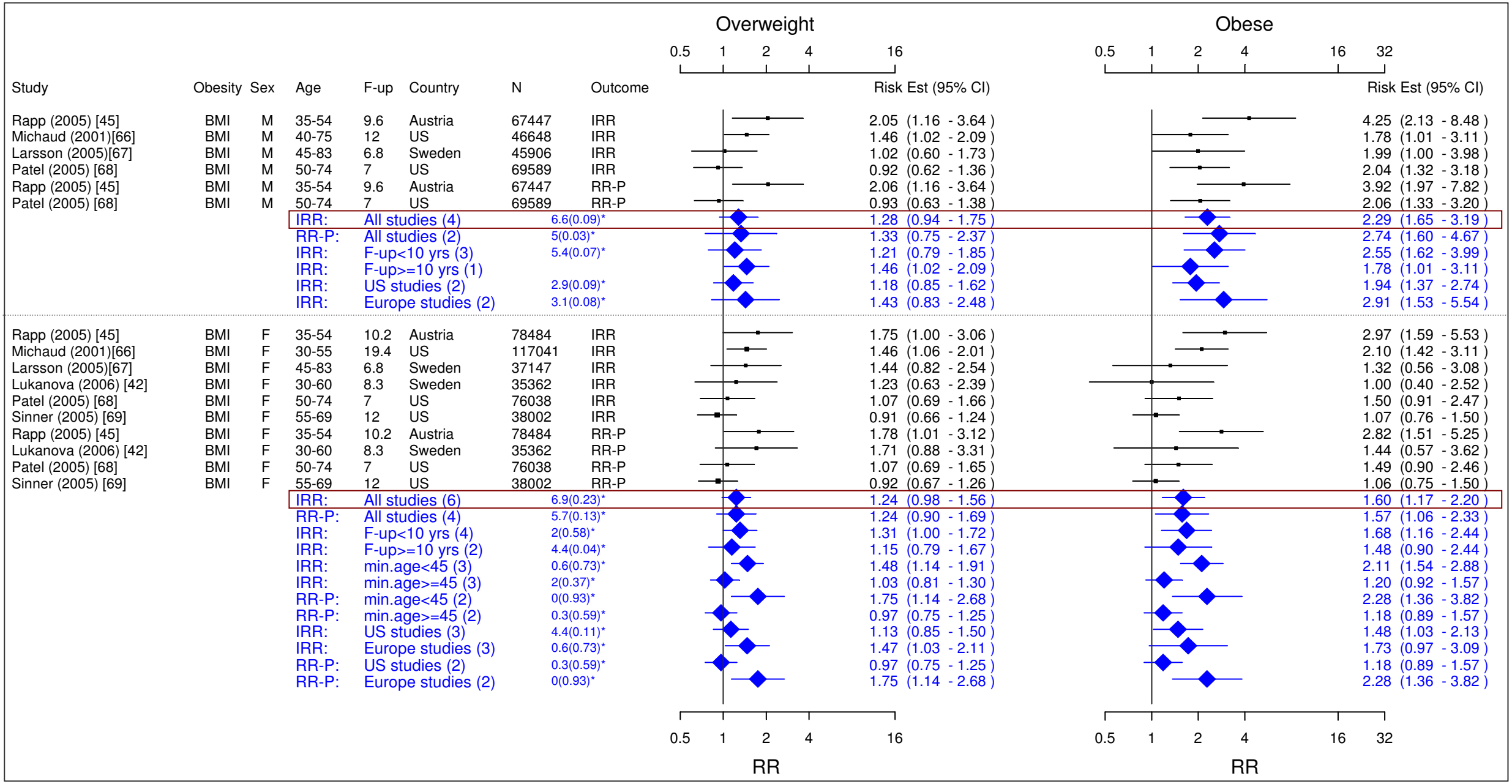
Overweight
Obese
0.5 1 2 4 16
0.5 1 2 4 16 32
Study Obesity Sex Age F-up Country N Outcome
Risk Est (95% CI)
Risk Est (95% CI)
Rapp (2005) [45] BMI M 35-54 9.6 Austria 67447 IRR 2.05 (1.16 - 3.64) 4.25 (2.13 - 8.48)
Michaud (2001)[66] BMI M 40-75 12 US 46648 IRR 1.46 (1.02 - 2.09) 1.78 (1.01 - 3.11)
Larsson (2005)[67] BMI M 45-83 6.8 Sweden 45906 IRR 1.02 (0.60 - 1.73) 1.99 (1.00 - 3.98)
Patel (2005) [68] BMI M 50-74 7 US 69589 IRR 0.92 (0.62 - 1.36) 2.04 (1.32 - 3.18)
Rapp (2005) [45] BMI M 35-54 9.6 Austria 67447 RR-P 2.06 (1.16 - 3.64) 3.92 (1.97 - 7.82)
Patel (2005) [68] BMI M 50-74 7 US 69589 RR-P 0.93 (0.63 - 1.38) 2.06 (1.33 - 3.20)
IRR: All studies (4) 6.6(0.09)* 1.28 (0.94 - 1.75) 2.29 (1.65 - 3.19)
RR-P: All studies (2) 5(0.03)* 1.33 (0.75 - 2.37) 2.74 (1.60 - 4.67)
IRR: F-up<10 yrs (3) 5.4(0.07)* 1.21 (0.79 - 1.85) 2.55 (1.62 - 3.99)
IRR: F-up>=10 yrs (1) 1.46 (1.02 - 2.09) 1.78 (1.01 - 3.11)
IRR: US studies (2) 2.9(0.09)* 1.18 (0.85 - 1.62) 1.94 (1.37 - 2.74)
IRR: Europe studies (2) 3.1(0.08)* 1.43 (0.83 - 2.48) 2.91 (1.53 - 5.54)
Rapp (2005) [45] BMI F 35-54 10.2 Austria 78484 IRR 1.75 (1.00 - 3.06) 2.97 (1.59 - 5.53)
Michaud (2001)[66] BMI F 30-55 19.4 US 117041 IRR 1.46 (1.06 - 2.01) 2.10 (1.42 - 3.11)
Larsson (2005)[67] BMI F 45-83 6.8 Sweden 37147 IRR 1.44 (0.82 - 2.54) 1.32 (0.56 - 3.08)
Lukanova (2006) [42] BMI F 30-60 8.3 Sweden 35362 IRR 1.23 (0.63 - 2.39) 1.00 (0.40 - 2.52)
Patel (2005) [68] BMI F 50-74 7 US 76038 IRR 1.07 (0.69 - 1.66) 1.50 (0.91 - 2.47)
Sinner (2005) [69] BMI F 55-69 12 US 38002 IRR 0.91 (0.66 - 1.24) 1.07 (0.76 - 1.50)
Rapp (2005) [45] BMI F 35-54 10.2 Austria 78484 RR-P 1.78 (1.01 - 3.12) 2.82 (1.51 - 5.25)
Lukanova (2006) [42] BMI F 30-60 8.3 Sweden 35362 RR-P 1.71 (0.88 - 3.31) 1.44 (0.57 - 3.62)
Patel (2005) [68] BMI F 50-74 7 US 76038 RR-P 1.07 (0.69 - 1.65) 1.49 (0.90 - 2.46)
Sinner (2005) [69] BMI F 55-69 12 US 38002 RR-P 0.92 (0.67 - 1.26) 1.06 (0.75 - 1.50)
IRR: All studies (6) 6.9(0.23)* 1.24 (0.98 - 1.56) 1.60 (1.17 - 2.20)
RR-P: All studies (4) 5.7(0.13)* 1.24 (0.90 - 1.69) 1.57 (1.06 - 2.33)
IRR: F-up<10 yrs (4) 2(0.58)* 1.31 (1.00 - 1.72) 1.68 (1.16 - 2.44)
IRR: F-up>=10 yrs (2) 4.4(0.04)* 1.15 (0.79 - 1.67) 1.48 (0.90 - 2.44)
IRR: min.age<45 (3) 0.6(0.73)* 1.48 (1.14 - 1.91) 2.11 (1.54 - 2.88)
IRR: min.age>=45 (3) 2(0.37)* 1.03 (0.81 - 1.30) 1.20 (0.92 - 1.57)
RR-P: min.age<45 (2) 0(0.93)* 1.75 (1.14 - 2.68) 2.28 (1.36 - 3.82)
RR-P: min.age>=45 (2) 0.3(0.59)* 0.97 (0.75 - 1.25) 1.18 (0.89 - 1.57)
IRR: US studies (3) 4.4(0.11)* 1.13 (0.85 - 1.50) 1.48 (1.03 - 2.13)
IRR: Europe studies (3) 0.6(0.73)* 1.47 (1.03 - 2.11) 1.73 (0.97 - 3.09)
RR-P: US studies (2) 0.3(0.59)* 0.97 (0.75 - 1.25) 1.18 (0.89 - 1.57)
RR-P: Europe studies (2) 0(0.93)* 1.75 (1.14 - 2.68) 2.28 (1.36 - 3.82)
0.5 1 2 4 16
0.5 1 2 4 16 32
RR
RR