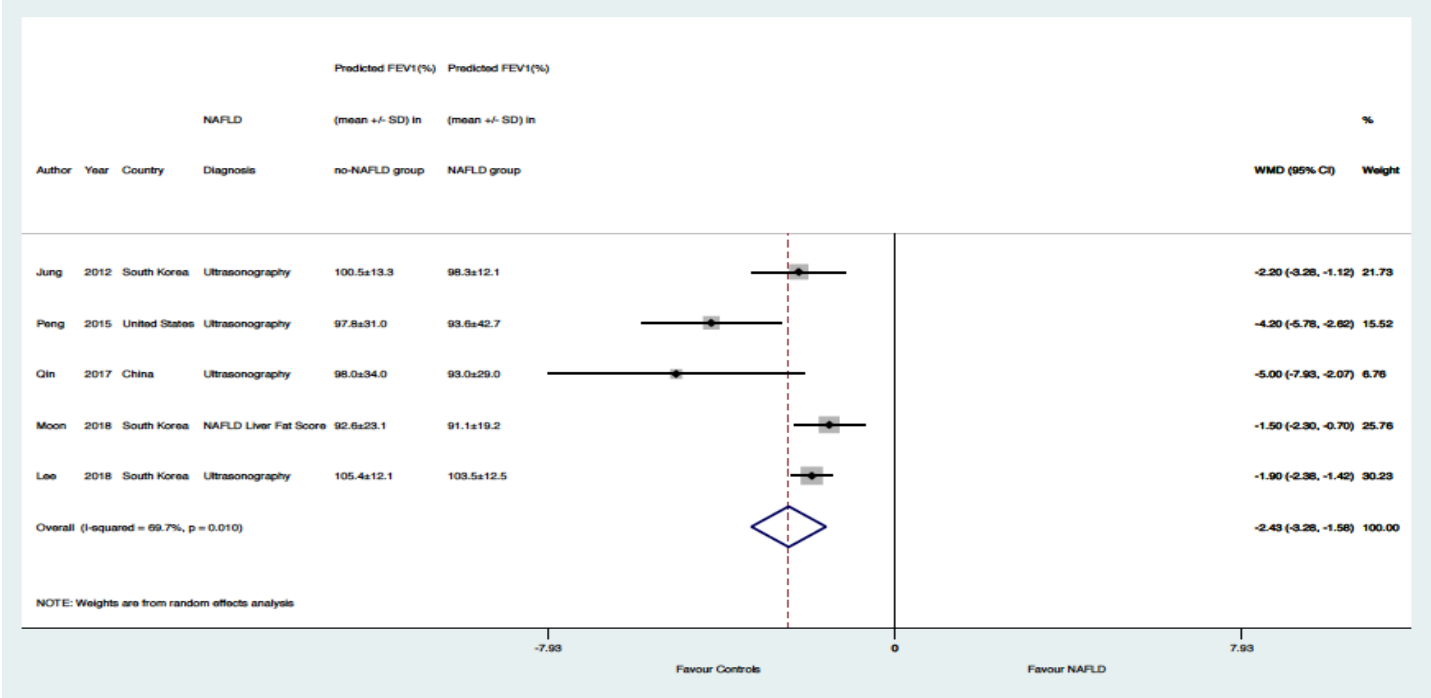
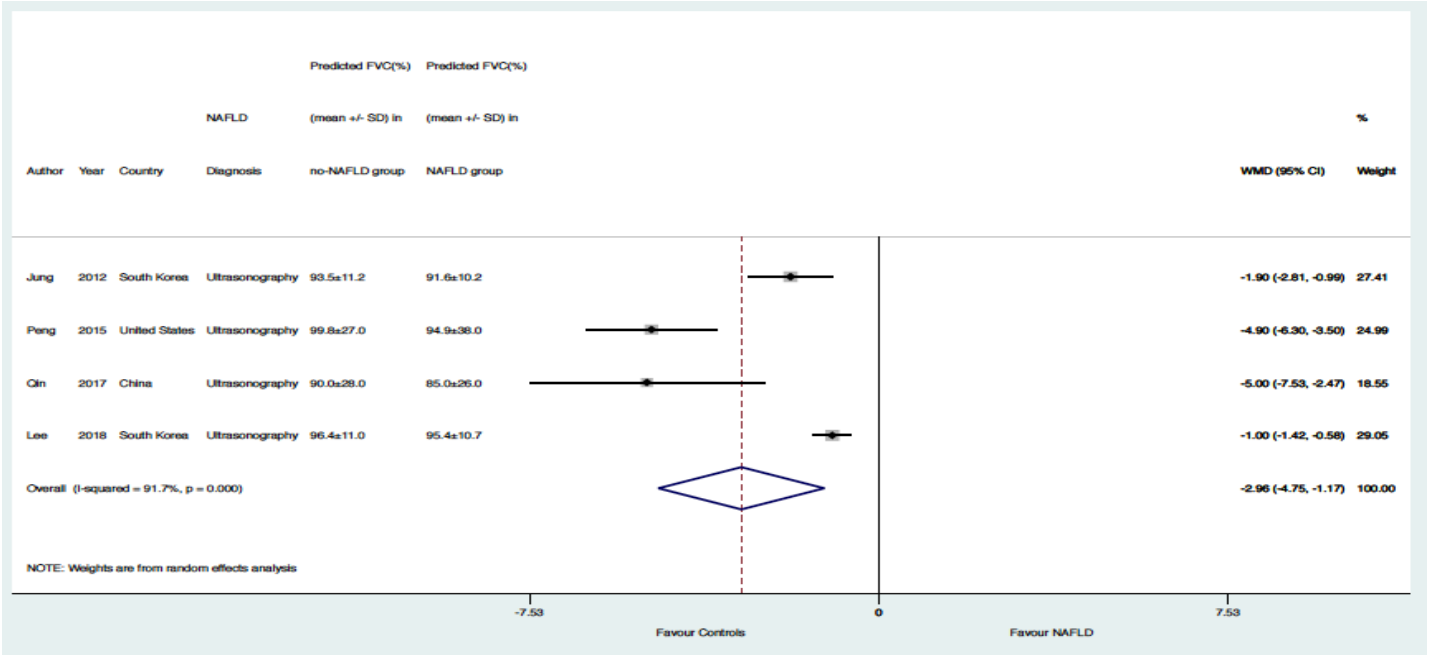
A)


Author Year Country NAFLD Diagnosis
Predicted FEV1(%) (mean +/- SD) in no-NAFLD group
Predicted FEV1(%) (mean +/- SD) in NAFLD group
WMD (95% CI)
%
Weight
Jung 2012 South Korea Ultrasonography 100.5±13.3 98.3±12.1 -2.20 (-3.28, -1.12) 21.73
Peng 2015 United States Ultrasonography 97.8±31.0 93.6±42.7 -4.20 (-5.78, -2.62) 15.52
Qin 2017 China Ultrasonography 98.0±34.0 93.0±29.0 -5.00 (-7.93, -2.07) 6.76
Moon 2018 South Korea NAFLD Liver Fat Score 92.6±23.1 91.1±19.2 -1.50 (-2.30, -0.70) 25.76
Lee 2018 South Korea Ultrasonography 105.4±12.1 103.5±12.5 -1.90 (-2.38, -1.42) 30.23
Overall (I-squared = 69.7%, p = 0.010) -2.43 (-3.28, -1.58) 100.00
NOTE: Weights are from random effects analysis
-7.93
0
7.93
Favour Controls
Favour NAFLD

B)


Author Year Country NAFLD Diagnosis
Predicted FVC(%) (mean +/- SD) in no-NAFLD group
Predicted FVC(%) (mean +/- SD) in NAFLD group
WMD (95% CI)
%
Weight
Jung 2012 South Korea Ultrasonography 93.5±11.2 91.6±10.2 -1.90 (-2.81, -0.99) 27.41
Peng 2015 United States Ultrasonography 99.8±27.0 94.9±38.0 -4.90 (-6.30, -3.50) 24.99
Qin 2017 China Ultrasonography 90.0±28.0 85.0±26.0 -5.00 (-7.53, -2.47) 18.55
Lee 2018 South Korea Ultrasonography 96.4±11.0 95.4±10.7 -1.00 (-1.42, -0.58) 29.05
Overall (I-squared = 91.7%, p = 0.000) -2.96 (-4.75, -1.17) 100.00
NOTE: Weights are from random effects analysis
-7.53
0
7.53
Favour Controls
Favour NAFLD