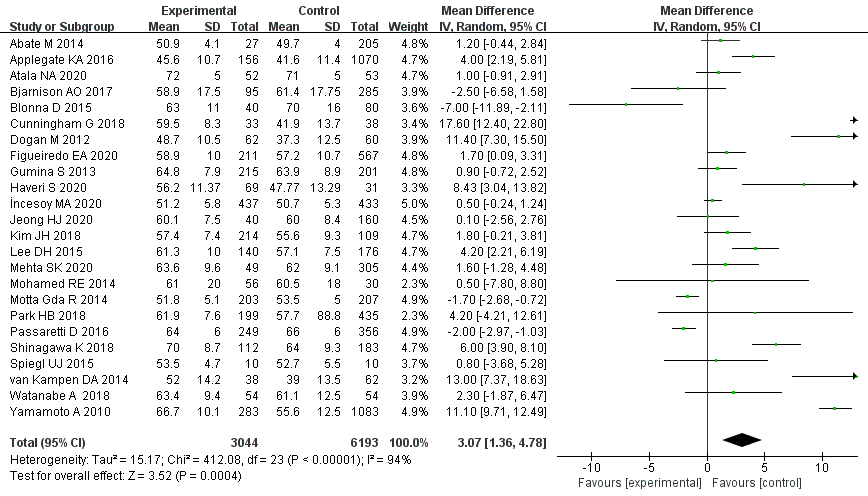
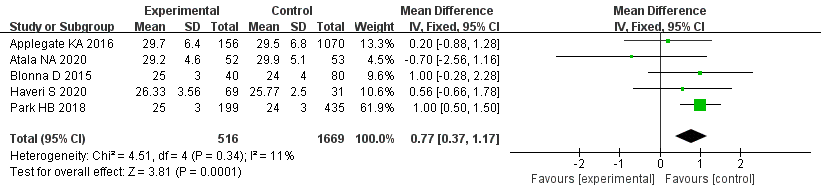
**Supplementary Material 3.** Forest map of all risk factors and their effect on rotator cuff tears (Experimental = rotator cuff tear; Control = no tear)

**Demographic factors**

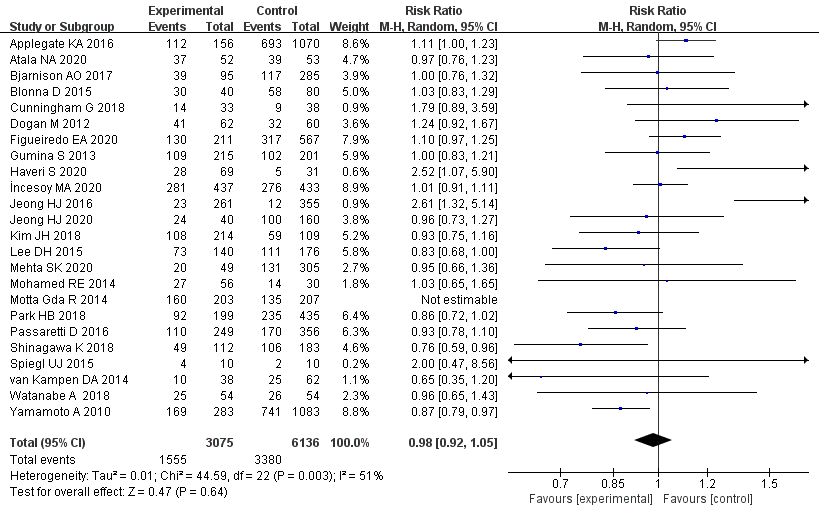
Age in years



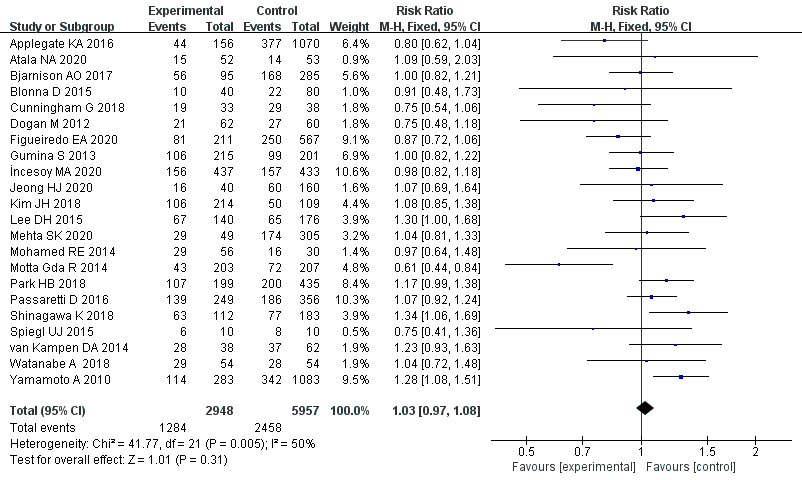
Body Mass Index (BMI) in kg/m2



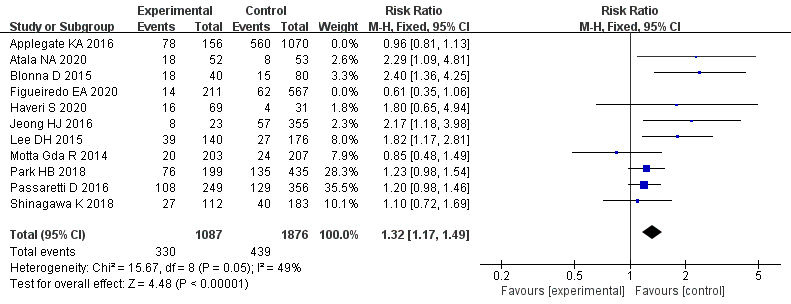
Female sex



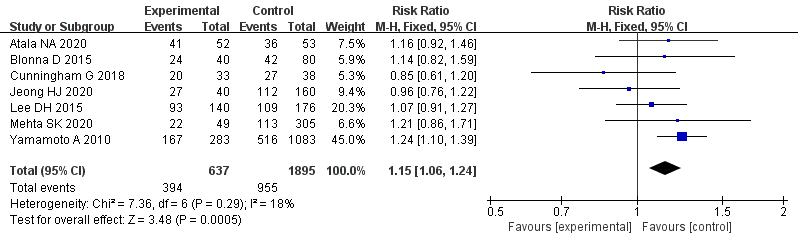
Male sex



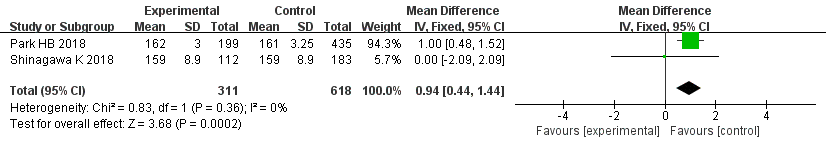
Smoking, yes versus no



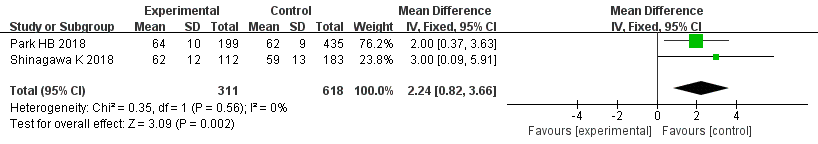
Dominant arm



Height in cm

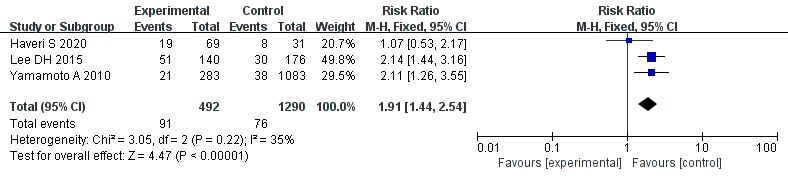


Weight in kg

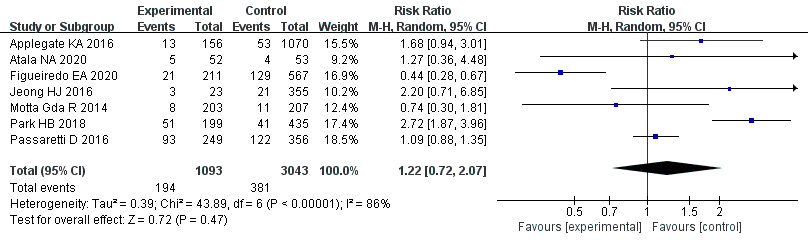


**Underlying disease**

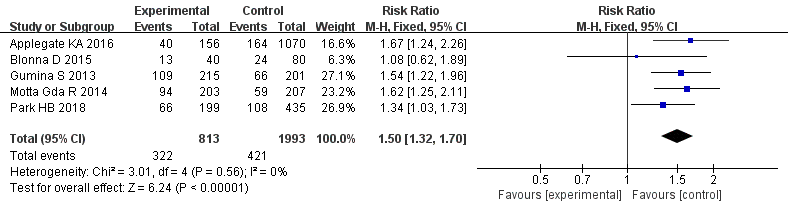
Traumatic events, yes versus no



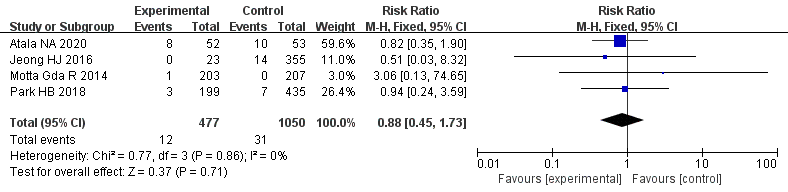
Diabetes mellitus, yes versus no



Hypertension, yes versus no

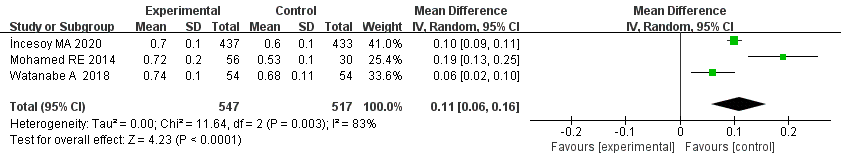


Thyroid disease, yes versus no

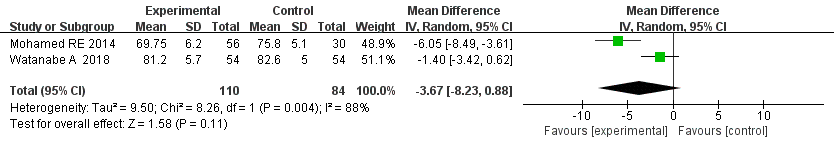


**Morphologic parameters**

Acromion index



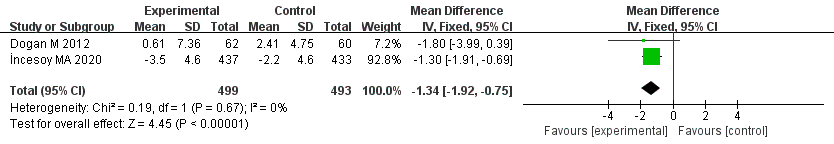
Lateral acromion angle in°



Critical shoulder angle in °



Glenoid version angle in °



Acromiohumeral distance in mm

