

## Appendix 3. Egger's regression tests for each construct

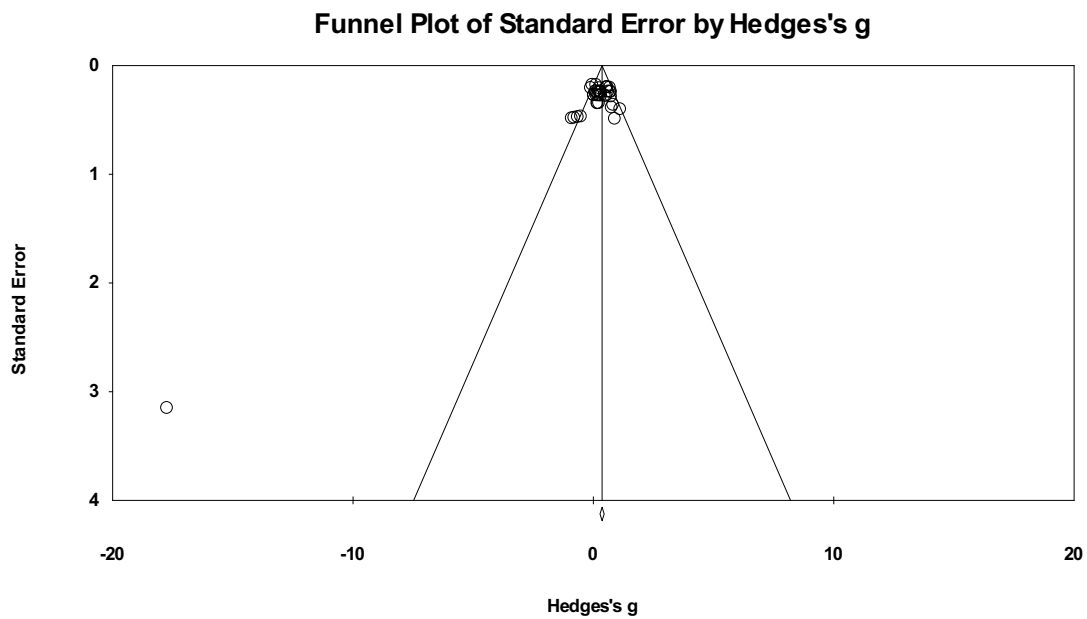
| Construct                 | 95% CI        | <i>p</i> |
|---------------------------|---------------|----------|
| LAS                       |               |          |
| Postural stability        | -3.85, -0.61  | .008*    |
| Locomotion                | -3.39, 1.52   | .446     |
| ACL                       |               |          |
| Frontal plane kinetics    | -15.77, 1.58  | .089     |
| Frontal plane kinematics  | -7.57, 1.72   | .191     |
| Sagittal plane kinetics   | -12.12, 1.14  | .089     |
| Sagittal plane kinematics | -0.43, 7.34   | .077     |
| Impact loading            | -9.74, 2.46   | .154     |
| Trunk mechanism           | -56.51, 17.13 | .187     |

LAS, lateral ankle sprain; ACL, anterior cruciate ligament; CI, confidence interval

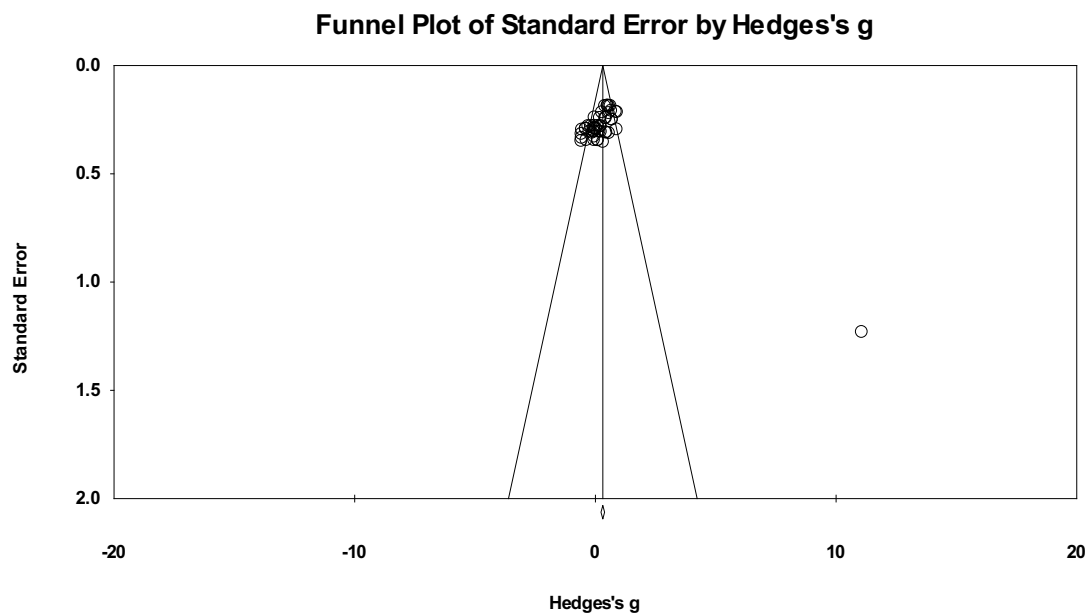
\**p* < .05

Funnel plots for the postural stability (a), locomotion (b), frontal plane kinematics (c) and kinetics (d), sagittal plane kinematics (e) and kinetics (f), impact loading (g), and trunk movement (h) constructs in the current study.

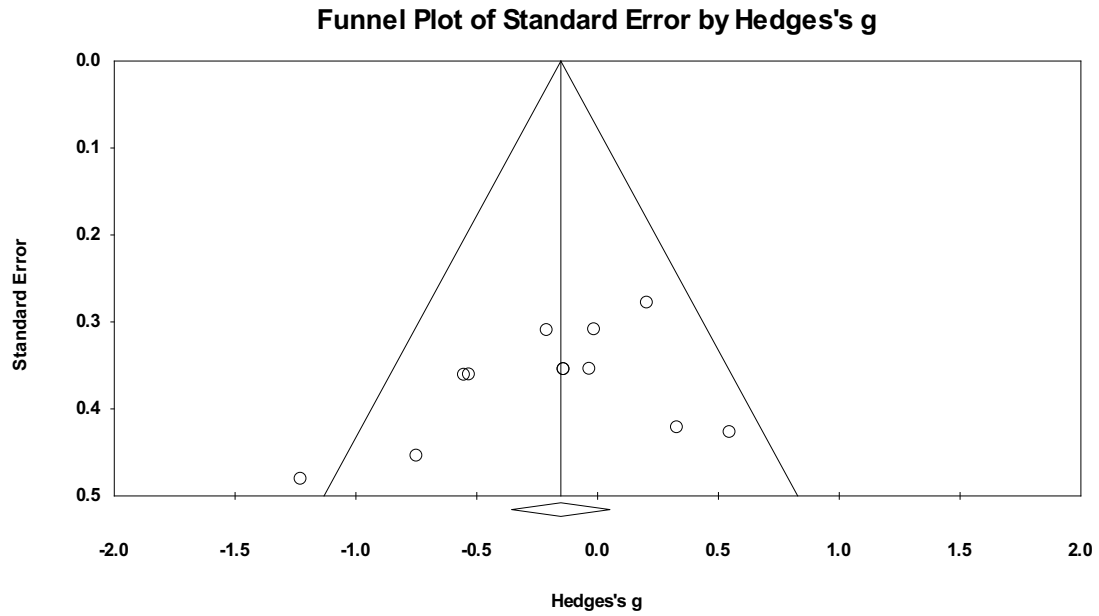
### 3a. Postural stability construct related to lateral ankle sprain injury risk



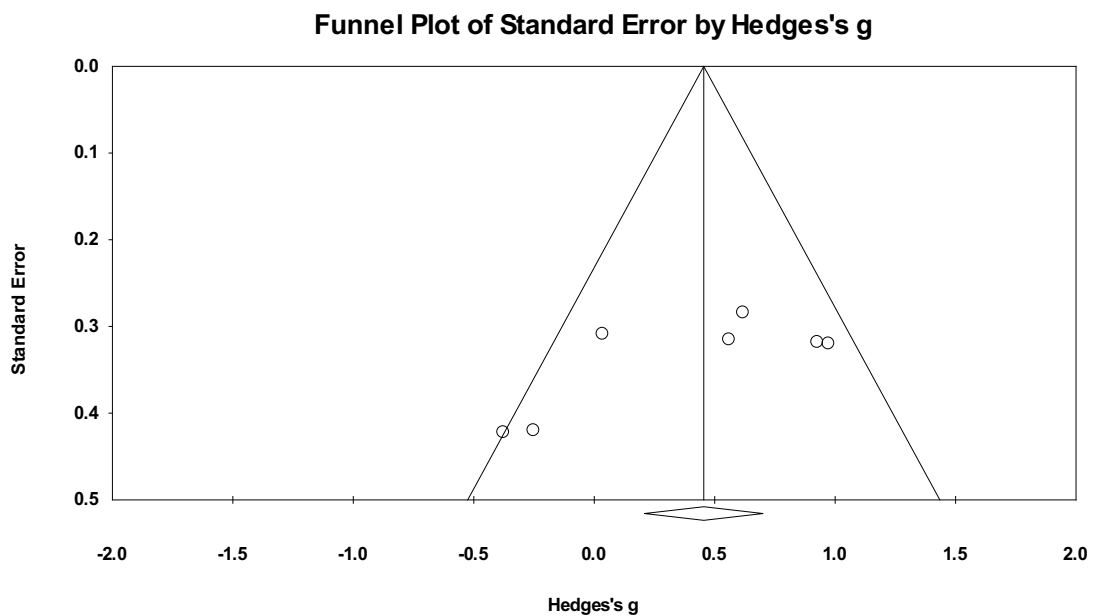
### 3b. Locomotion-related performance construct related to lateral ankle sprain injury risk



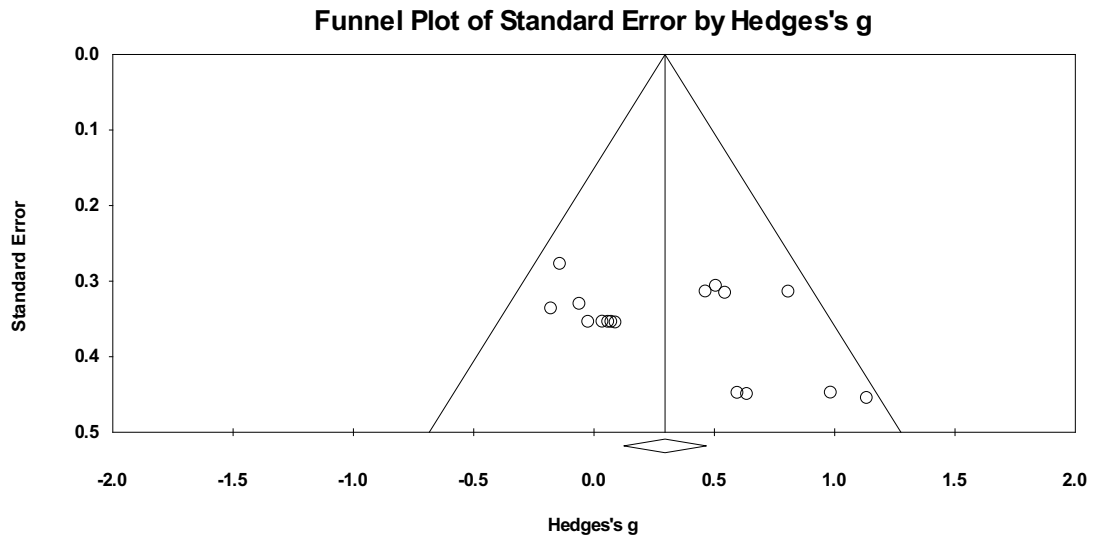
### 3c. Frontal plane kinematics construct related to anterior cruciate ligament injury risk



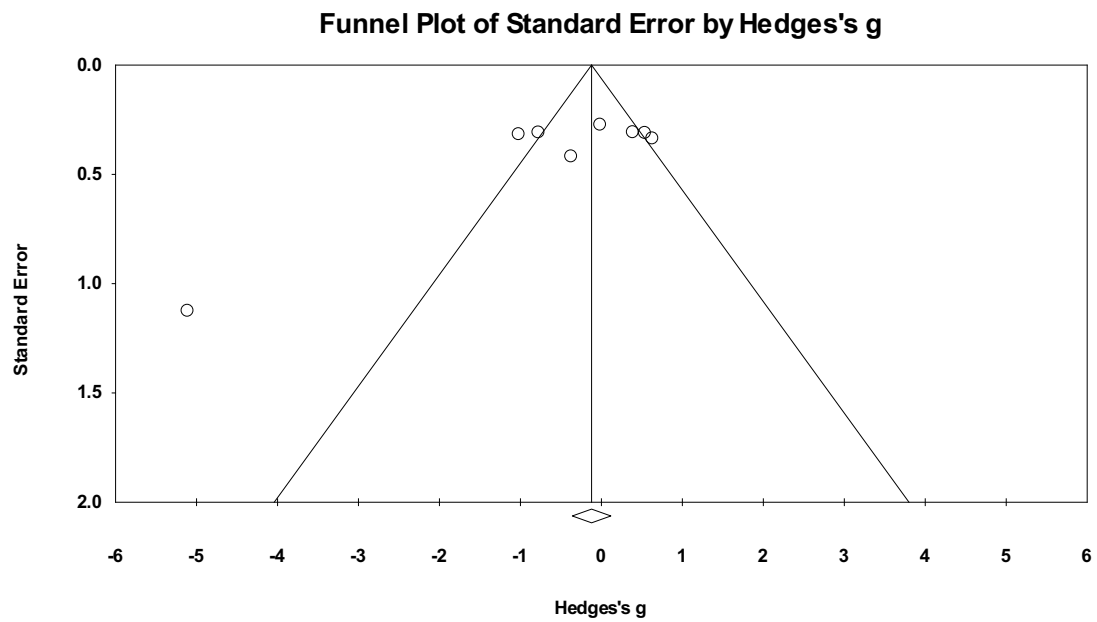
### 3d. Frontal plane kinetics construct related to anterior cruciate ligament injury risk



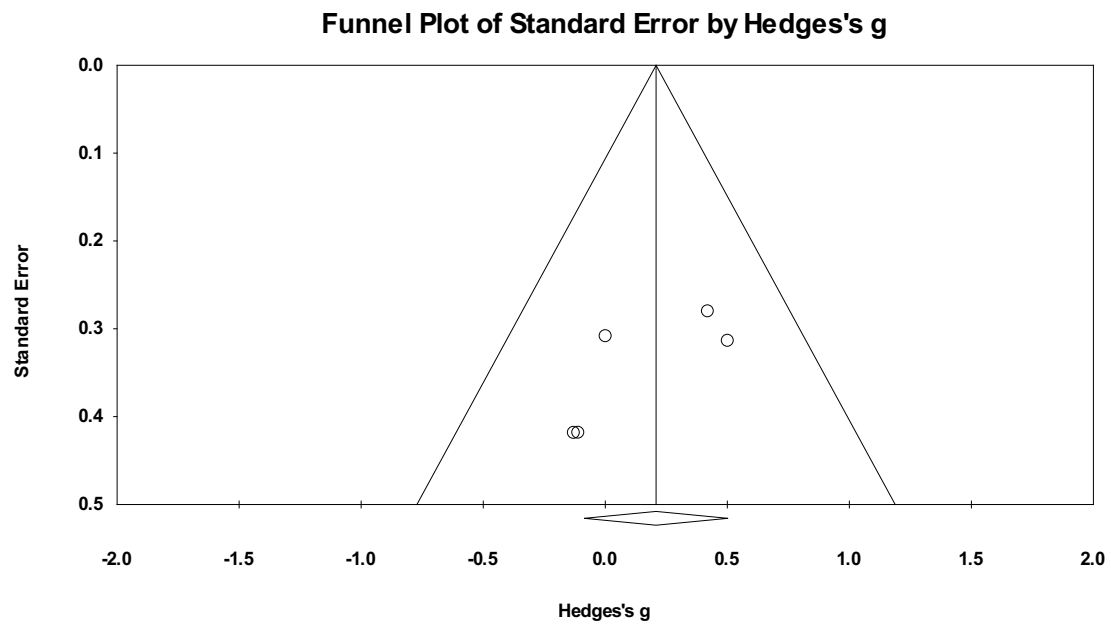
**3e. Sagittal plane kinematics construct related to anterior cruciate ligament injury risk**



**3f. Sagittal plane kinetics construct related to anterior cruciate ligament injury risk**



### 3g. Impact loading construct related to anterior cruciate ligament injury risk



### 3h. Trunk movement construct related to anterior cruciate ligament injury risk

