




Eating Disorders in Female Gymnasts: Cultural Pressures and Psychological Interventions

Luca Paolo. Ardigo¹, Mahdi. Fahimi^{2*}

¹ Department of Teacher Education, NLA University College, 0166 Oslo, Norway
² Department of Sport science, Faculty of Human Sciences, University of Qom. Qom, Iran

* Corresponding author email address: m.fahimi@qom.ac.ir

E d i t o r		R e v i e w e r s	
Özgür Eken 	Associate Professor, Inonu University, Malatya, Turkey ozgureken86@gmail.com	Reviewer 1: Zahra Naghsh 	Associate Professor, Department of Psychology, University of Tehran, Tehran, Iran. Email: z.naghsh@ut.ac.ir
		Reviewer 2: Masoud Mirmoezi 	Department of Physical Education and Sport Sciences, Islamic Azad University, Central Tehran Branch, Tehran, Iran. Email: massoudmirmoezi@live.com

1. Round 1

1.1 Reviewer 1

Reviewer:

Add a recent citation from 2024–2025 literature to support the claim about internalization in gymnastics culture.

This paragraph introduces ACT but does not provide empirical context specific to gymnastics—consider integrating one or two studies involving aesthetic sport athletes.

Provide confidence intervals for mean differences between groups in addition to p-values, to allow assessment of precision.

Describe these outliers in more detail—did they share common protective traits or demographics that might inform intervention strategies?

Recommend adding a schematic or table summarizing hypothesized subtypes and corresponding interventions.

Authors revised the manuscript and uploaded the updated document.

1.2 Reviewer 2

Reviewer:

Clarify how qualitative and quantitative phases were integrated—was it through sequential explanatory design merging at interpretation, or was there iterative feedback between phases?

Justify excluding non-sport-related psychiatric cases, as this could bias the sample toward healthier participants.

Include references to validation studies specifically in Norwegian or Scandinavian athletic populations to ensure contextual appropriateness.

Consider including minimal clinically important difference (MCID) thresholds for EDE-Q and BI-AAQ to interpret the practical significance of observed changes.

Clarify whether these R^2 values are from separate models or nested models, as interpretation differs.

Expand on potential mechanisms beyond perfectionism and deselection fear—e.g., how coach-athlete relationship quality may moderate this pathway.

Authors revised the manuscript and uploaded the updated document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.