

SEARCH STRATEGY OF EACH DATABASE

Date of search: 19 september 2023

Databases:

Web of Science

PubMed

Scopus

Review question: What are the variables assessed in talent identification and development in soccer?

P (participants) (e.g., student, adolescent, child, young),

I (intervention) (e.g., program, intervention)

C (comparators) (e.g., football, soccer, "sport context")

O (outcomes) (e.g., identification, detection, selection, development).

PUBMED (N = 201)

Search:

(((((talent * OR "high ability" OR "above average"))) AND ((("football" OR "soccer")))) AND ((detection OR selection OR identification OR development))) AND ((program OR intervention OR test guideline))) AND ((student OR child * OR adolescent * OR young OR youth))

("aptitude"[MeSH Terms] OR "aptitude"[All Fields] OR "talent"[All Fields] OR "talents"[All Fields] OR "talented"[All Fields] OR "high ability"[All Fields] OR "above average"[All Fields]) AND ("football"[All Fields] OR "soccer"[All Fields]) AND ("detect"[All Fields] OR "detectabilities"[All Fields] OR "detectability"[All Fields] OR "detectable"[All Fields] OR "detectables"[All Fields] OR "detectably"[All Fields] OR "detected"[All Fields] OR "detectible"[All Fields] OR "detecting"[All Fields] OR "detection"[All Fields] OR "detections"[All Fields] OR "detects"[All Fields] OR ("select"[All Fields] OR "selectability"[All Fields] OR "selectable"[All Fields] OR "selected"[All Fields] OR "selecting"[All Fields] OR "selection s"[All Fields] OR "selection, genetic"[MeSH Terms] OR ("selection"[All Fields] AND "genetic"[All Fields]) OR "genetic selection"[All Fields] OR "selection"[All Fields] OR "selectional"[All Fields] OR "selections"[All Fields] OR "selective"[All Fields] OR "selectively"[All Fields] OR "selectives"[All Fields] OR "selectivities"[All Fields] OR "selectivity"[All Fields] OR "selects"[All Fields]) OR ("identified"[All Fields] OR "identification, psychological"[MeSH Terms] OR ("identification"[All Fields] AND

"psychological"[All Fields]) OR "psychological identification"[All Fields] OR "identification"[All Fields] OR "identifications"[All Fields]) OR ("develop"[All Fields] OR "develope"[All Fields] OR "developed"[All Fields] OR "developer"[All Fields] OR "developer s"[All Fields] OR "developers"[All Fields] OR "developing"[All Fields] OR "developments"[All Fields] OR "develops"[All Fields] OR "growth and development"[MeSH Subheading] OR ("growth"[All Fields] AND "development"[All Fields]) OR "growth and development"[All Fields] OR "development"[All Fields])) AND ("program"[All Fields] OR "program s"[All Fields] OR "programme"[All Fields] OR "programed"[All Fields] OR "programes"[All Fields] OR "programing"[All Fields] OR "programmability"[All Fields] OR "programmable"[All Fields] OR "programmably"[All Fields] OR "programme"[All Fields] OR "programme s"[All Fields] OR "programmed"[All Fields] OR "programmer"[All Fields] OR "programmer s"[All Fields] OR "programmers"[All Fields] OR "programmes"[All Fields] OR "programming"[All Fields] OR "programmings"[All Fields] OR "programs"[All Fields] OR ("intervention s"[All Fields] OR "interventions"[All Fields] OR "interventive"[All Fields] OR "methods"[MeSH Terms] OR "methods"[All Fields] OR "intervention"[All Fields] OR "interventional"[All Fields]) OR ((("research design"[MeSH Terms] OR ("research"[All Fields] AND "design"[All Fields]) OR "research design"[All Fields] OR "test"[All Fields]) AND ("guideline"[Publication Type] OR "guidelines as topic"[MeSH Terms] OR "guideline"[All Fields])))) AND ("student s"[All Fields] OR "students"[MeSH Terms] OR "students"[All Fields] OR "student"[All Fields] OR "students s"[All Fields] OR ("child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child s"[All Fields] OR "children s"[All Fields] OR "childrens"[All Fields] OR "childs"[All Fields]) OR ("adolescences"[All Fields] OR "adolescence"[All Fields] OR "adolescent"[MeSH Terms] OR "adolescent"[All Fields] OR "adolescence"[All Fields] OR "adolescents"[All Fields] OR "adolescent s"[All Fields]) OR ("young"[All Fields] OR "youngs"[All Fields]) OR ("adolescent"[MeSH Terms] OR "adolescent"[All Fields] OR "youth"[All Fields] OR "youths"[All Fields] OR "youth s"[All Fields]))

WEB OF SCIENCE (N = 235)**Search:**

(talent OR “high ability” OR “above average”) AND (football OR soccer detection OR selection OR identification OR development) AND (program OR intervention OR “test guideline”) AND (student OR child OR adolescent OR young OR youth)

Scopus (N = 338)**Search:**

(talent OR “high ability” OR “above average”) AND (football OR soccer detection OR selection OR identification OR development) AND (program OR intervention OR “test guideline”) AND (student OR child OR adolescent OR young OR youth)

Methods

The scoping review was performed in three databases (PubMed, Web of Science and ScienceDirect) in September 2023 by two authors (VOS and CPF). The search strategy was performed following the Preferred Report Items for Systematic Reviews and Guidelines for the meta-analyses (PRISMA) [29], including the PICO strategy: P (participants) (e.g., student, adolescent, Child, young); I (Intervention) (program, Intervention); C (comparators) (e.g., football, soccer, “sport context”); O (Outcomes) (e.g., Identification, Detection, Selection, Development).

Supplementary Table 1. *Search strategy of each database*

Database	Search Strategy
PubMed	(((((talent * OR “high ability” OR “above average”))) AND ((“football” OR “soccer”))) AND ((detection OR selection OR identification OR development))) AND ((program OR intervention OR test guideline))) AND ((student OR child * OR adolescent * OR young OR youth))
Scopus	(talent OR “high ability” OR “above average”) AND (football OR soccer detection OR selection OR identification OR development) AND (program OR intervention OR “test guideline”) AND (student OR child OR adolescent OR young OR youth)
Web of Science	(talent OR “high ability” OR “above average”) AND (football OR soccer detection OR selection OR identification OR development) AND (program OR intervention OR “test guideline”) AND (student OR child OR adolescent OR young OR youth)