

Workflow and weighting of criteria in the Match'In project

Weighting of the criteria for the distribution of protection seekers (for iteration 1: only single persons of legal age without family ties, as of January 2024)

As part of the data collection process, participants are first asked about aspects that could potentially prevent them from participating in the matching process. These exclusion criteria arise in particular from the fact that those seeking protection should not be disadvantaged by participating in the project: If conditions exist that make the distribution to a specific municipality appear particularly sensible or legally necessary, participation is therefore discontinued and distribution to the relevant municipality is recommended directly.

1) Exclusion criteria:

If there is a criterion that prevents participation in matching, data collection will be terminated immediately. Distribution as part of a family group or desire to join a family (nuclear family in Germany).

Main criterion	Sub-criterion	Sub-criterion	Weighting
	Distribution as part of the family		Exclusion if applicable
	Family ties to the nuclear family in Germany		Exclusion if applicable

2) Possible exclusion criteria

In addition to the mandatory exclusion criteria (see 1.), there are other possible exclusion criteria. In the case of these, it is possible, but not absolutely necessary, to discontinue participation - the respondents can decide for themselves by providing the relevant information on the questionnaire. These criteria only lead to discontinuation and direct recommendation to the respective municipality if the persons explicitly requests this themselves.

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Social ties	Other social ties in Germany	Desire to connect with family members/friends/acquaintances	10 (1x)
Work	Current employment relationship or existing employment contract		

### Matching criteria:

If participation was not excluded, the following criteria are collected as matching criteria and included in the distribution decision with their respective weights.

### Basic rules for weighting by the algorithm:

- a) All **main criteria** or categories (respective heading of the tables, e.g. "personal data" or "work") are **weighted equally** by the **algorithm**. Accordingly, these categories each have the same weight for the algorithm's distribution proposal.
- b) The grouping into categories also means that the **weighting entered** (column 4) only represents a weighting of the **sub-criteria within the respective category** (i.e., between the sub-criteria within the category "personal data" or "work"). Weightings of sub-criteria are therefore not directly comparable between the grouped categories.
- c) At least one sub-criterion under each main category must be answered during data collection (protection against skipping entire blocks of questions and thereby skewing the weighting).
- d) **Special protection needs play a separate role**: Here, in contrast to the other main criteria, **each applicable criterion** is **weighted individually**, not the entire category in a fixed sum. The individual weights of the sub-criteria under special protection needs **are added together** and thus result in an individual total that is based on the specific needs of a person. This procedure is necessary in order to take into account the possible existence of mutually reinforcing, intersectional special protection needs.

As part of the data collection surveys, participants are given the opportunity to go beyond the standard weighting by the algorithm and **give double weighting to a category that is particularly important to them**.

**I. Personal data** (total weighting for the distribution proposal: 10 points)

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Personal data	Gender		6
Personal data	Age		5

**II. Housing** (total weighting for the distribution proposal: 10 points)

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Living	Need / desire for centralized / decentralized accommodation		2

**III. Work** (total weighting for the distribution proposal: 10 points)

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Work	Past professional activities / work experience		5 (increased from 4 after feedback loop)
Work	Professional aspirations		4
Work	Driving license (in the sense of a qualification)		2

**IV. Education/qualifications** (total weighting for the distribution proposal: 10 points)

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Education/ Qualifications	School education		
Education/ Qualifications		Duration of school attendance	2
Education/ Qualifications		Highest school-leaving qualification	2
Education/ Qualifications	Vocational training		4
Education/ Qualifications	Higher education		5 (increased from 4 after feedback loop)
Education/ Qualifications	Educational aspirations		5 (increased from 4 after feedback loop)
Education/ Qualifications	Language skills		

Education/ Qualifications		German language skills	5
Education/ Qualifications		Low literacy	6
Education/ Qualifications		Other language skills	2 (increased from 1 after feedback loop)

**V. Hobbies / interests** (total weighting for the distribution proposal: 10 points)

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Hobbies / Interests	Sports (desire for specific sporting activities)		2
Hobbies / Interests	Other interests/hobbies (desire for other leisure activities)		2
Hobbies / Interests	Volunteer work		2
Hobbies / Interests	Desire for connection to religious institutions		3
Hobbies / Interests	Desire for connection to a linguistic community		3

**VI. Preferences** (total weighting for the distribution proposal: 10 points)

Main criterion	Sub-criterion	Sub-criterion	Weighting (1-10)
Preferences	More urban or more rural municipality		
Preferences		Desire for closeness to nature	4
Preferences		Desire for a quiet environment	4

**VII. Special protection needs (weighted individually; if there are several protection needs, add the weights)**

	Sub-criterion	Sub-criterion	Weighting (1-10)
	LGBTIQ*		
		Desire for support structures	
		Desire for connection to the community	8
	Older age		8
	Pregnancy		6
	Serious physical illness (specific treatment requirement)		9 (increased from 8 after feedback loop)
	Need for psychological treatment		9 (increased from 8 after feedback loop)
	Physical limitations		
		Impaired walking (wheelchair required)	10
		Impaired walking (wheelchair not necessary)	8
		Impairment of vision	6
		Impaired hearing	6
		Need for care	8
	Learning difficulties		
		Limited ability to remember/concentrate	7 (reduced from 8 after feedback loop)
		Limited ability to speak	7 (reduced from 8 after feedback loop)
	Single female person (female gender in terms of special protection needs)		8