

1 **Supplementary File**

2 **Table A1:** Comparison of sample distributions between the target population, the first wave sample (unweighted) and
 3 the second wave sample (unweighted and weighted).

	<i>Population</i>		<i>Sample 1st wave</i>		<i>Sample 2nd wave</i>		
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>% weight</i>
Gender							
Female	11,953	45.8%	507	41.7%	286	45.8%	45.0%
Male	14,156	54.2%	708	58.3%	339	54.2%	55.0%
Age							
18-20	5,893	22.6%	433	35.6%	206	33.0%	21.9%
21-24	9,661	37.0%	440	36.2%	221	35.4%	37.0%
25-28	10,556	40.4%	342	28.1%	198	31.7%	41.1%
Highest level of education							
ISCED 0-2 ¹	12,109	46.7%	497	44.3%	183	37.0%	40.2%
ISCED 3B ²	6,799	26.2%	313	27.9%	181	27.0%	28.7%
ISCED 3A-4 ³	4,651	18.0%	206	18.4%	152	22.6%	21.0%
ISCED 5-6 ⁴	2,347	9.1%	106	9.4%	108	13.4%	10.1%
Total	26,110		1,215		625		

4

5 Note: ¹ compulsory schooling (“primary level of education”), ² apprenticeship/vocational training (“vocational
 6 education”), ³ upper secondary school leaving exam „Matura“, or similar (“secondary level of education”), ⁴ higher
 7 education (“tertiary level of education”)

8 **Table A2:** Descriptive statistics of variables

	N	Mean	St. Dev.	Min	Max
Age	625	22.66	3.01	18	28
Job aspiration at t0 (ISEI)	408	49.60	15.52	19	88
Job aspiration at t1 (ISEI)	408	49.31	16.24	19	88
Job expectations at t0	446	7.38	2.86	0	10
Job expectations at t1	446	6.81	3.05	0	10
Latent deprivation during unempl.	611	1.11	1.26	0	4
Financial deprivation during unempl.	607	2.43	1.24	0	4
Job satisfaction	342	6.90	2.66	0	10
Net wage (€/month)	339	1,084	592	70	4,904
Gender: male	625	0.46		0	1
Gender: female	625	0.54		0	1
Level of education: primary	625	0.34		0	1
Level of education: vocational	625	0.27		0	1
Level of education: secondary/tertiary	625	0.39		0	1
Migration status: native	625	0.53		0	1
Migration status: 2. generation	625	0.22		0	1
Migration status: 1. generation	625	0.25		0	1
Status at t1: NEET	625	0.42		0	1
Status at t1: in education	625	0.31		0	1
Status at t1: employed	625	0.28		0	1
Unemployment duration < 90 days	619	0.37		0	1
Unemployment duration ≥ 90 days	619	0.63		0	1
Subj. job match: well matched/underqualified	342	0.65		0	1
Subj. job match: overqualified	342	0.35		0	1

9

10 Note: We utilize the following question wordings (translated from German): Job aspiration: “What is your desired
 11 occupation?” Respondents could write their answer in an open text box. These texts were ISCO-coded afterwards and
 12 then matched to the ISEI rankings as specified by Ganzeboom (<http://www.harryganzeboom.nl/>). Missing values are due
 13 to respondents without a desired occupation and responses that could not be coded at either t0 or t1; Job expectations:
 14 “If you think about the future, how likely do you think it is that you will eventually work in your desired occupation?” (11-
 15 point rating scale from 0=very unlikely to 10=very likely). Missing values are due to respondents without a desired
 16 occupation at either t0 or t1; Financial deprivation: “When I was unemployed, I had enough money for everything I
 17 needed” and “When I was unemployed, I often had to forgo something because I had to watch my budget” (0 = does not
 18 apply at all to 4 = fully applies. Additive index with the inverse answer codes of the first question.); Latent deprivation:
 19 “When I was unemployed, I often felt so down that nothing could cheer me up” (0 = does not apply at all to 4 = fully
 20 applies); Job satisfaction: “All in all, how satisfied are you with your current job?” (11-point rating scale from 0=extremely
 21 dissatisfied to 10=extremely satisfied); Subjective job match: “Do you feel you have the right skills/qualifications to do
 22 your job? Do you feel underqualified, well matched, or overqualified?”; t0 refers to the first interview (conducted at the
 23 beginning of the unemployment spell) and t1 to the second interview (one year later).

24

Table A3: Linear models of change in aspiration between t0 and t1 (change score models)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Status at t1: edu. (ref: NEET)	0.86 (1.88)				-4.26 (3.58)		
Status at t1: empl. (ref: NEET)	-0.02 (1.89)				4.05 (3.52)		
Unempl. \geq 90 days		-0.08 (1.66)			-0.24 (3.15)	2.62 (2.21)	-0.12 (3.47)
Latent deprivation during unempl.			-1.68** (0.64)			-0.18 (1.04)	
Financial deprivation during unempl.				-0.17 (0.63)			-0.21 (1.00)
Status at t1: edu. * UE \geq 90 days					9.20* (4.28)		
Status at t1: empl. * UE \geq 90 days					-8.78* (4.31)		
Lat. depr. dur. unempl. * UE \geq 90 days						-2.67* (1.34)	
Fin. depr. dur. unempl. * UE \geq 90 days							0.02 (1.32)
Constant	-0.11 (1.19)	0.16 (1.34)	1.94 (1.05)	0.49 (1.69)	0.09 (2.87)	0.37 (1.77)	0.60 (2.49)
Observations	408	404	399	395	404	395	391
R ²	0.001	0.0000	0.02	0.0002	0.05	0.03	0.0003

Note: * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$; panel weights applied; t0 refers to the first interview (conducted at the beginning of the unemployment spell) and t1 to the second interview (one year later).

25

26

27 **Table A4:** Linear models of change in expectation between t0 and t1 (change score models)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Unempl. \geq 90 days	0.52 (0.32)				0.17 (0.62)	0.76 (0.43)	0.55 (0.67)
Status at t1: edu. (ref: NEET)		-0.18 (0.36)			-0.01 (0.71)		
Status at t1: empl. (ref: NEET)		-1.09** (0.36)			-1.31 (0.69)		
Latent deprivation during unempl.			-0.28* (0.13)			-0.16 (0.20)	
Financial deprivation during unempl.				-0.10 (0.12)			-0.14 (0.19)
Change in aspiration t0-t1	-0.05*** (0.01)	-0.05*** (0.01)	-0.05*** (0.01)	-0.05*** (0.01)	-0.05*** (0.01)	-0.05*** (0.01)	-0.05*** (0.01)
Status at t1: edu. * UE \geq 90 days					-0.20 (0.85)		
Status at t1: empl. * UE \geq 90 days					0.59 (0.85)		
Lat. depr. dur. unempl. * UE \geq 90 days						-0.22 (0.26)	
Fin. depr. dur. unempl. * UE \geq 90 days							0.03 (0.25)
Constant	-0.92*** (0.26)	-0.23 (0.23)	-0.28 (0.21)	-0.33 (0.33)	-0.38 (0.56)	-0.75* (0.35)	-0.63 (0.48)
Observations	404	408	399	395	404	395	391
R ²	0.07	0.09	0.07	0.06	0.09	0.08	0.07

Note: * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$; panel weights applied; t0 refers to the first interview (conducted at the beginning of the unemployment spell) and t1 to the second interview (one year later).

28

29

30 Table A5: Linear models of aspiration and expectation at t1 (lagged dependent variable models)

	Aspiration t1	Expectation t1
Vocational edu (ref. primary edu)	1.65 (1.78)	0.14 (0.34)
Secondary/Tertiary edu (ref. primary edu)	5.30** (2.04)	0.22 (0.36)
Female (ref: male)	-2.25 (1.41)	0.38 (0.27)
Age	0.60* (0.25)	0.07 (0.05)
Unempl. ≥ 90 days	-0.52 (1.57)	0.01 (0.31)
Status at t1: edu. (ref: NEET)	3.59* (1.81)	0.54 (0.35)
Status at t1: empl. (ref: NEET)	1.29 (1.86)	-1.05** (0.36)
Latent deprivation during unempl.	-1.37* (0.59)	-0.33** (0.12)
Financial deprivation during unempl.	0.27 (0.57)	-0.23* (0.11)
Aspiration t0	0.44*** (0.05)	
Change in aspiration t0-t1		-0.04*** (0.01)
Expectation t0		0.45*** (0.05)
Constant	11.50 (6.62)	2.47* (1.24)
Observations	388	388
Adjusted R ²	0.27	0.30

Note: *p<0.05, **p<0.01, ***p<0.001; panel weights applied; t0 refers to the first interview (conducted at the beginning of the unemployment spell) and t1 to the second interview (one year later).

31

32

33 **Table A6:** Change in aspirations / (un)fulfilled aspirations and job quality indicators

	Change in aspiration t1-t0			Change in expectation t1-t0			Diff. job at t1 – aspiration t0		
	-1	0	1	-1	0	1	-1	0	1
Job satisfaction	6.55	7.66	7.30	6.96	8.06	6.85	7.00	7.79	7.54
Net wage (€)/month	1226	1338	1333	1359	1284	1221	1209	1518	1231
Overqualification	0.34	0.28	0.33	0.35	0.20	0.37	0.49	0.16	0.29

34

35 Note: -1 indicates a reduction in aspirations/expectations or a lower status of the job held at t1 than of the desired job
 36 at t0. 1 indicates an increase in aspirations/expectations or a higher status of the job held at t1 than of the desired job at
 37 t0. 0 indicates no difference. Job satisfaction was measured on a scale from 0 = completely dissatisfied to 10 = completely
 38 satisfied, Overqualification was measured by asking respondents whether they felt overqualified, well matched, or
 39 underqualified in their new job; t0 refers to the first interview (conducted at the beginning of the unemployment spell)
 40 and t1 to the second interview (one year later).