



Web Appendix

for

Would you like to shrink the welfare state? A survey of European citizens

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Published in:

Economic Policy, 32, Spring 2001

Contents

This appendix contains six parts. The first two present details of the unemployment benefit and pension systems in the four nations. The third presents some further results for Germany; the fourth lists the exact questions posed in the survey, and part five looks at the sample design and the actual sample characteristics. The last section presents a more detailed explanation of variables used in the text tables and a discussion of the reference individual in the regressions reported in the article.

1. FOUR UNEMPLOYMENT BENEFIT SYSTEMS

In all four nations, changes in the structure of employment have put these systems repeatedly under strain because new categories of workers were pushing to get more protection against the risk of job loss. The policy response has not been a change in the overall design of benefits, but simply a selective extension of the policy instruments used in the past to deal with redundancies and the creation of new unemployment benefits schemes accessible to specific groups; the following four tables provide more details.

Table 1. The Italian unemployment benefits system

	Ordinary unemployment benefit	Ordinary <i>Cassa integrazione guadagni</i> (CIGo)	Special <i>Cassa integrazione guadagni</i> (CIGs)	Mobility list
Workers involved	All the permanent lay-offs (excluding <i>apprendisti</i> ^a) in the private sector. ^b	All the temporary lay-offs (excluding <i>apprendisti</i> ^a and managers) in manufacturing. ^c	All the temporary lay-offs (excluding <i>apprendisti</i> ^a , temporary employees and managers) working in firms in structural crisis, with more than 15 employees in manufacturing and construction and more than 200 employees in trade and tourism.	'Collective' lay-offs in firms eligible for CIGs and individual lay-offs in case of workers already in CIGs.
Replacement ratio ^d	30%	80% (there is a partially price indexed maximum level of benefit which was in 1999 about 60% of the average wage in the sector).	80% (same maximum level as CIGo).	80% in the first year, 64% in the following years (same maximum level as CIGo).
Eligibility	Full benefit: 52 weeks of contribution to the social security system in the previous 2 years. Reduced benefit: 78 days of contribution in the previous year.	No particular qualifying conditions.	3 months of seniority.	1 year of seniority.
Maximum duration	Full benefit: 6 months. Reduced benefit: number of days worked.	12 months (not necessarily continuous) in two years.	Up to 4 years.	From 1 year (for young workers in the North) up to 4 years (for old workers in the Mezzogiorno). In some special cases ('long mobility') the duration is extended up to retirement.
Financing	Employer contribution (1.61%) plus general fiscal revenues	Employer contribution: fixed rate by size and industry + experience rated scheme	Employer contribution (fixed rate by size and industry + experience rated scheme) plus general Government revenues	Employer contribution: fixed rate (0.3%) + experience rated scheme

Notes:^a The *apprendisti* are young workers (16–24 years old in the North, 16–26 in the Mezzogiorno) in vocational training.

^b Workers employed in agriculture and construction have more favourable treatment.

^c There is a similar arrangement in agriculture and construction: the main differences are in the duration of the benefit (maximum 3 months in both sectors) and in the presence of qualifying conditions in agriculture (6 months of seniority).

^d Benefit as a percentage of a previous wage.

Table 2. The Spanish unemployment benefits system

Kind of benefit	Eligibility conditions ^a	Replacement rate / amount	Financing
Unemployment benefit	Eligibility for unemployment benefits requires at least 12 months of contribution during the last 6 years and registration at the employment office. Further, the determinant of the unemployment status cannot be the refusal of a suitable job offer or training. The entitlement period varies according to the days of contribution, up to a maximum of 720 days with 2160 days or more of contribution.	Up to the first 180 days of entitlement, the amount of the unemployment benefit is 70% of the average earnings received during the last 6 months, decreasing at 60% after 180 days. The maximum amount of the benefit equals 170% of the minimum wage, and may reach 220% for workers with children. The minimum amount of the benefit is 75% of the minimum wage, and may equal the minimum wage if at least one child is in care to the beneficiary.	The unemployment benefits system is financed by the employee (1.6% of the gross earnings, varying across 11 occupational classes), the employer (6.2% of payroll varying across 11 occupational classes, which becomes 6.7% for fixed-term contracts and 7.7% for part-time contracts or temporary work agencies), and the government (variable subsidies). The maximum earnings considered for contribution and benefit purposes is 399,780 pesetas per month.
Unemployment assistance	Workers not covered by the unemployment benefit or benefit exhaustees.	The allowance amounts to 75% of the minimum wage; the entitlement period is 6 months, and may be prolonged up to 18 months if past earnings were below 75% of the minimum wage.	

Notes: ^aThe 1999 National Action Plan for Employment envisages a pilot programme called 'Voluntary Commitment to Activity' for those receiving unemployment benefit. Such programme involves for the Public Employment Service and the benefit recipients a mutual obligation to carry out a wide range of activities aimed at the improvement of employability via active job search, promoted by means of an intense offer of packages of training and counselling.

Table 3. The German unemployment benefits system

Kind of benefit	Eligibility conditions ^a	Replacement rate / amount	Financing
Unemployment benefit	Access to unemployment benefits is subject to registration at the employment office and to availability for work. Workers claiming unemployment benefits must have at least 360 days of contributions in the last 3 years (180 days for seasonal workers). In some cases, the right to receive unemployment benefit can be temporarily discontinued (up to 12 weeks).	The unemployment benefit amounts to 60% of the last net earnings and is raised to 67% if the unemployed has children up to a maximum of 150% of the average blue-collar wage. The entitlement period varies between 180 and 960 calendar days according to the contribution period and the age. ^b	Provision of unemployment benefits is financed by the employees, the employers and the government. Insured workers and employers both contribute 3.25% of gross earnings, while the government finances special employment programmes and covers any deficit. The maximum earnings considered for contribution and benefit purposes is 102 000 DM per year.
Unemployment assistance	Provided to workers with at least 150 days in employment during the last year or to the unemployed no longer eligible for statutory benefits.	The level of unemployment assistance depends on previous income and is means tested, mainly with respect to spouse's income. It equals 53% of past net work income (57% if the unemployed has children). It is payable for 360 calendar days and with no limit of duration after the exhaustion of unemployment benefits. In 1994, the average amount was 1030 DM in the old <i>Länder</i> and 810 DM in the new <i>Länder</i> .	—
Other benefits and allowances	<p><i>Short-time work benefit:</i> for workers experiencing short unemployment spells due to economic reasons.</p> <p><i>Bad weather allowance:</i> paid to construction workers if their job has been hindered by adverse weather conditions (payable after 51 hours of forced inactivity between 1 November and 31 March of any year).</p> <p><i>Cost of living allowance:</i> targeted to participants in occupational training, retraining and rehabilitation.</p>		

Notes: ^aSince April 1997, the conditions for the receipt of benefits have been significantly tightened: during the first three months of unemployment, job offers must be accepted if the wage offered lies within 20% of the previous wage (30% for the subsequent three months); after the seventh month the unemployed are compelled to accept jobs if the net work income is greater than the unemployment benefit. Finally, benefit recipients must visit the labour office every three months to prove active job search.

^bIn particular: up to 41 years and after 24 months of work, 12 months of benefit; between 42 and 43 years and after 40 months of work, 18; between 44 and 48 years and after 44 months of work, 22 ; between 49 and 53 years and after 52 months of work, 26; after 54 years and 64 months of work, 32.

Table 4. The French unemployment benefits system

Kind of benefit	Eligibility conditions	Replacement rate / amount	Financing
Unemployment benefit	Employees eligible for unemployment benefits must be registered at the employment office and demonstrate availability and capability for work. Further, their unemployment status cannot depend on voluntary quits, misconduct and refusal of a suitable job offer.	The initial level of the unemployment benefit amounts to 57.4% of previous earnings for a period varying between 4 and 27 months according to the age and the length of the contribution record, without exceeding 75% of the daily reference wage. This amount is reduced every 6 months according to age and past employment spells ^{a,b} .	Employees and employers finance the unemployment insurance paying 2.21% of monthly earnings and 3.97% of the payroll respectively. The maximum earnings considered for contribution and benefit purposes is 57,880 FF per month.
Solidarity programmes	Such programmes are means tested and mainly addressed to the long-term unemployed having exhausted eligibility for unemployment benefits and to other specific categories of disadvantaged workers.	<i>Solidarity benefits</i> are targeted at the long-term unemployed and may vary between 82.42 FF and 118.39 FF a day according to age and family situation. <i>Solidarity allowances</i> are payable mainly to disadvantaged older workers: their amount is variable and is renewed every 6 months. People aged over 59 and a half years with at least 12 years of contributions are eligible for the allowance until retirement age (65 years).	Entirely financed by the government.

Notes: ^aUnemployed people aged over 49 years with past work experience of at least 14 months in the last 2 years are entitled to receive full-rate unemployment benefits for 9 months. Since March 1998, unemployment benefits recipients can combine income support with earnings from part-time work for up to 136 hours per month.

^bThe minimum level of benefit is 106.14 FF a day, which may be increased up to 133.11 FF under certain conditions: age above 52 years, unemployment spells longer than one year, employment history of at least 20 years, with one consecutive or two separate years of employment in the last 5 years.

2. PUBLIC PENSION SYSTEMS

There is no simple ranking of the current generosity of the four pension systems. We refer to the table below for the details of the four pension systems. One dimension of generosity is the age from which full pension benefits can be drawn. Italy has the earliest retirement age, particular for workers who started their earnings history when very young, followed by Spain, France and Germany. The other important dimension is the replacement rate. Here we find a strong difference between the Southern and the Bismarckian welfare state. Disney et al. (1998) have computed effective replacement rates, defined as the average net income of retired households aged around 67 years relative to the average disposable income of pre-retirement households aged around 55 years. These ratios range from 90% in France and Germany to 65% in Italy, similar in Spain. Note that the corresponding United States effective replacement rate is about 53%, reflecting the difference between the size of both types of the European welfare states on the one hand and the American welfare state on the other hand.

Table 5. Public pension systems

	France	Germany	Italy	Spain
Equilibrium payroll tax (a)	34.9%	27.8%	43.7%	42.3%
Statutory contribution Rate (b)	23.9%	19.3%	32.7%	28.3%
a – b	11%	8.5%	11%	14%
Earliest age eligible for full pension	60	63 ^a	Any time after 35 years of service, or at the age of 57	60–64
Benefits	50% of best 10 years	72% of lifetime average	80% of lifetime average ^b	100% of last 8 years
After .. years of service	37.5	45	40	35
Indexation	Net wages	Net wages	COLA ^c	CPI ^d
Implicit tax rate on continuing work--	45–65% for age 60–69	30–40% for age 60–65	30–40% for age 56–59 70–80% for age 60–69	20–40% for age 55–59 ca. 0% for age 60–64 70–80% for age 65–69
Labour force participation, men aged 60–64	16.5%	33%	30%	41%

Notes: The Italian description holds for the situation pre-Amato and pre-Dini reform.

^a60 for women and unemployed or disabled men. Disability has traditionally included labour market reasons.

^bFor young workers (hired from 1996) contribution payments ‘virtually’ capitalized at the GDP growth rate and transformed into a lifetime annuity according to *actuarial fairness* (taking into account the age of retirement).

^cCost of living adjustment.

^dConsumer price index.

Source: Social Security Administration (1999); EC-MISSOC (1999); Country chapters in Gruber and Wise (1999). See the article for full references.

3. FURTHER RESULTS ON GERMANY

In the German sample, we were able to collect some additional results, which are briefly described here. First, we asked the respondents how the German pension system works, PAYG or funded. Answer (b), chosen by less than 50% of respondents, is correct. Note that high school graduates are less informed than those who have compulsory education only:

‘In your opinion, for which purpose are the contributions being used that are paid by you and your employer: (a) only for your own future pension, (b) only for the pensions of today’s pensioners, (c) the larger part for your own future pension, the smaller part for the pensions of today’s pensioners, (d) the smaller part for your own future pension, the larger part for the pensions of today’s pensioners, (e) don’t know/no answer’

	(a)	(b)	(c)	(d)	(e)
Compulsory education only	3.0%	48.4%	2.4%	36.0%	10.2%
High school	2.1%	43.8%	8.0%	43.7%	2.5%
University degree	1.3%	49.9%	6.5%	40.6%	2.0%

Second, we changed the framing of the question to introduce some ‘moral suasion’. This substantially increased the percentage of respondents who agreed to a transition burden:

‘Would you accept to pay a higher contribution rate during a transition period if this reduces the burden that your children and grandchildren have to carry?’

	Yes	No	Refused	Don’t know
Age 18–24	40.33%	56.86%	1.92%	0.88%
Age 25–34	36.79%	62.77%	0.33%	0.11%
Age 35–44	50.65%	47.35%	0.69%	1.31%
Age 45–54	45.41%	52.11%	0.82%	1.66%
Age 55–64	60.44%	28.94%	0.49%	10.13%
All respondents	46.36%	50.83%	0.66%	2.15%

We finally explored which policy alternatives – reducing the replacement rate or increasing the retirement age – is preferred. Through all age classes, respondents would rather face a cut in pension benefits than retire later:

‘Would you accept a reduction of the pension replacement rate if this will stabilize the contribution rate to the GRV system?’

	Yes	No	Refused	Don’t know
Age 18–24	67.52%	26.76%	1.92%	3.8%
Age 25–34	48.55%	50.23%	0	1.21%
Age 35–44	67.37%	30.3%	0.53%	1.79%
Age 45–54	50.86%	45.4%	0.28%	3.46%
Age 55–64	42.45%	46.91%	1.52%	9.13%
All respondents	54.72%	41.69%	0.52%	3.07%

‘Would you accept later retirement age if this will stabilize the contribution rate to the GRV system?’

	Yes	No	Refused	Don’t know
Age 18–24	65.54%	32.53%	1.92%	0
Age 25–34	36.47%	63.42%	0	0.11%
Age 35–44	36.67%	61.6%	0.15%	1.58%
Age 45–54	23.48%	73.51%	1.34%	1.68%
Age 55–64	20.37%	70.56%	0	9.08%
All respondents	32.40%	65.06%	0.49%	2.05%

4. ENGLISH-LANGUAGE VERSION OF THE QUESTIONNAIRE

Survey Part 1a: Personal and household's characteristics

C1. Sex

- male
- female

C2. How old are you? _____ (if younger than 16, end of the interview)

C3. Are you...

- single
- married
- living as married
- divorced
- separated
- widowed

C4. Are you in your household the person who contributes most to the household income?

- yes → C6
- no → C4a

C4a. Then, what is your relationship with that person?

- partner
- son/daughter
- mother, father, mother-in-law, father-in-law
- other relatives
- no family relationship with household head

C5. What is the current labour situation of the person who contributes most to the household income?

- works at the present → C5a
- retired → C5a
- unable to work through illness → C5a
- unemployed with previous job experience, seeking a job → C5a
- unemployed with previous job experience, but not seeking a job → C5a
- unemployed without job experience
- student
- housewife
- other

C5a. Does /did he/she work as ...

- self-employed → C5aa
- employee → C5ab

C5aa. What is/was the occupation of this person (household head)?

- farmer

- fisherman
- owner of a shop, craftsmen, other self-employed person
- business proprietors, owner (full or partner) of a company
- professional (lawyer, medical practitioner, accountant, architect, ...)

C5ab. What is/was the occupation of this person (household head)?

- employed professional
- general management, director or top management (managing directors, director general,...)
- middle management, other management (department head, junior manager, teacher,...)
- employed position, working mainly at a desk
- employed position, not at a desk but travelling (salesmen, driver, ...)
- employed position, not at a desk, but in a service job (hospital, police,....)
- supervisor
- skilled manual worker
- unskilled manual worker, servant
- agricultural worker

C6. What is your education?

- no formal studies
- primary school (6 years or less)
- junior secondary school (7–9 years)
- high school /grammar school
- university /college
- post-graduate degree (PhD, Master....)

C7. How many adults (more than 15 years) live in your household, including yourself?

C7a. How many people aged less than 16 years?

Survey Part 1b: Labour market status and other general information

1.1. Did you do any work for pay, profit or family gain for at least an hour in the last week?

- yes —> 1.1.1.
- no —> 1.2.

1.1.1. Did you work as

- self-employed —>1.1.1a
- employee —>1.1.1b

1.1.1a What is your occupation?

- farmer
- fisherman
- owner of a shop, craftsmen, other self-employed person
- business proprietors, owner (full or partner) of a company
- professional (lawyer, medical practitioner, accountant, architect, ...)

1.1.1b What is your occupation?

- employed professional

- general management, director or top management (managing directors, director general,...)
- middle management, other management (department head, junior manager, teacher,...)
- employed position, working mainly at a desk
- employed position, not at a desk but travelling (salesmen, driver,...)
- employed position, not at a desk, but in a service job (hospital, police,...)
- supervisor
- skilled manual worker
- unskilled manual worker, servant
- agricultural worker

ONLY TO EMPLOYEES ('employee' in 1.1.1.)

1.1.1b1. Did you work as a ...

- permanent worker
- temporary worker
- *stagiaire*, apprentice
- without any contract

TO ALL EMPLOYED PEOPLE ('yes' in 1.1.)

1.1.2. Sector of activity

- agriculture, forestry, fishing, hunting
- mining and quarrying
- manufacturing
- electricity, gas, water (distribution)
- construction
- wholesale and retail trade, restaurants and hotels
- transport, storage and communication
- finance, insurance, real estate, business services
- community, social and personal services
- public administration
- other (specify)

1.1.3. How many hours do you work per week, on average?

- 0 to 5
- 5 to 15
- 15 to 25
- 25 to 35
- 35 to 45
- more than 45

TO THOSE NOT DOING PAID WORK ('no' in 1.1)

1.2. Which one of the following corresponds to your present personal situation?

- retired
- unable to work through illness
- unemployed with previous job experience, seeking a job
- unemployed with previous job experience, but not seeking a job
- unemployed, seeking my first job
- will start a job in the future
- student
- conscripted into military or substitute service
- housewife
- other

TO THOSE UNEMPLOYED SEEKING A JOB ('unemployed, with previous work experience, seeking a job' or 'unemployed, seeking my first job' in 1.2)

1.3. For how long have you been seeking a job?

- less than three months
- between three and twelve months
- between one and two years
- more than two years

TO ALL BUT THOSE RETIRED ('retired' in 1.2) OR WIDOWED HOUSEHOLD HEADS ('widowed' in C3 and 'yes' in C4). WHO ANSWER NO AT 1.1

1.4. Once retired, which of the following income sources do you think will be the most important?

- public mandatory pension
- private pension
- returns on savings or other assets (real estate, bonds, etc.)
- income support from relatives, family members
- don't know/no answer

TO RETIRED ('retired' in 1.2) OR WIDOWED HOUSEHOLD HEADS ('widowed' in C3 and 'yes' in C4) WHO ANSWER NO AT 1.1

1.5. Which of the following is your primary income source?

- public mandatory pension (old age or survivor)
- private pension
- returns on savings or other assets (real estate, bonds, etc.)
- income support from relatives, family members
- don't know/no answer

Survey Part 2: Attitudes towards unemployment insurance

TO EMPLOYEES ('employee' in 1.1.1.)

2.1. As far as you know, in the light of the conditions of your firm or sector, do you think that it is – very likely, quite likely, quite unlikely, very unlikely or just impossible that you may lose your job in the next two to three years?

- very likely
- quite likely
- quite unlikely
- very unlikely
- impossible

2.2. Is your current job covered by unemployment insurance, that is, in case of job loss would you be eligible to unemployment benefit or other income support schemes for workers made redundant?

- yes —> 2.2b
- no —> 2.4
- not applicable (this question does not apply to me: e.g. I am a public servant with a job for life) —>3.1

2.2b As you know, unemployment benefits are financed by contributions which you and your employer pay. Do you think that the unemployment benefit you are entitled to in case of job loss

- is adequate as it is —> 3.1
- should be less generous and contributions should be lower—> 3.1
- should be more generous even if this means higher contributions —> 2.3

TO THOSE COVERED BY UNEMPLOYMENT INSURANCE WHO WOULD LIKE MORE OF IT ('yes' in 2.2 AND 'MORE GENEROUS' IN 2.2B)

2.3. Suppose that you were offered an unemployment insurance scheme giving you, in addition to what you are already entitled to, the right to receive one month of your salary in case of job loss. Would you be willing to give up every month 10% of your salary in order to be covered by this insurance? (DO NOT SPECIFY IF THE WAGE IS GROSS OR NET UNLESS THE INTERVIEWED SPECIFICALLY ASKS FOR THIS INFORMATION; IN THAT CASE STATE THAT WE REFER TO THE NET, TAKE-HOME, PAY)

- yes—> 3.1
- no—> 2.3a
- don't know/no answer—>2.3a

2.3a. 5% at most?

- yes —>3.1
- no —>2.3b
- don't know/no answer —>2.3b

2.3b. 3% at most?

- yes —>3.1
- no —>2.3c
- don't know/no answer—>2.3c

2.3c. 1% at most?

- yes —>3.1
- no (= no reduction) —>3.1.
- don't know/no answer —>3.1

TO THOSE NOT COVERED BY UNEMPLOYMENT INSURANCE ('no' in 2.2)

2.4. Suppose that you were offered the right to receive, in case of job loss, half of your salary during your first year of unemployment and 30% in the following year, but nothing else afterwards. Would you be willing to give up every month 10% of your salary in order to be covered by such an insurance?

- yes —> 3.1
- no —> 2.4a
- don't know/no answer —> 2.4a

2.4a. 5% at most?

- yes —>3.1
- no —>2.4b
- don't know/no answer —>2.4b

2.4b. 3% at most?

- yes —> 3.1
- no —> 2.4c

-don't know/no answer —>2.4c

2.4c. 1% at most?

- yes —>3.1
- no (= no reduction) —> 3.1
- don't know/no answer —> 3.1

TO ALL UNEMPLOYED SEEKING A JOB ('unemployed, seeking my first job' in 1.2 AND 'unemployed with previous job experience, seeking a job' in 1.2)

2.5. Imagine that tomorrow you were offered a full-time permanent job corresponding to your qualifications, and your monthly salary would be €350 (roughly 700,000L) and that this would be perfectly legal. Would you accept it? (PROPOSE ALL ALTERNATIVES UNTIL THE FIRST 'YES' IS REACHED)

- | | Yes | No |
|--------------------|-----|----|
| - €350 per month | | |
| - €500 per month | | |
| - €650 per month | | |
| - €800 per month | | |
| - €950 per month | | |
| - €1,100 per month | | |
| - | | |
| - | | |
| - | | |
| - | | |
| - | | |
| - €3,000 per month | | |

(COUNTRY TEAMS: ADJUST FREELY THE NUMBERS IN THE LIGHT OF WAGE MINIMA; START JUST BELOW THE MINIMUM WAGE; TRANSLATE EURO-FIGURES INTO LOCAL CURRENCY)

2.6. Imagine that tomorrow you were offered a job that, in case of a lay-off, gives you the right to receive 70% of your salary per each month of unemployment, with a maximum of one year. Would you be willing to give up every month 10% of your salary in order to be covered by such an insurance?

- yes —> 3.2
- no —> 2.6a
- don't know/no answer—>2.6a

2.6a. 5% at most?

- yes —> 3.2
- no —>2.6b
- don't know/no answer—>2.6b

2.6b. 3% at most?

- yes —> 3.2
- no —> 2.6c
- don't know/no answer —> 2.6c

2.6c. 1% at most?

- yes —> 3.2
- no (= no reduction) —> 3.2
- don't know/no answer —> 3.2

Survey Part 3: Attitudes towards pensions

TO EMPLOYEES ('employee' in 1.1.1.)

3.1. As you know, in 'NAME YOUR COUNTRY', both employers and employees pay pension contributions. Which fraction of your gross monthly salary/wage goes to public pensions? (please take into account the total of both the employer and the employee contributions) (COUNTRY TEAMS: ADJUST FREELY THE BRACKETS AROUND THE TRUE VALUE)

- less than 20%
- between 20% and 45%
- more than 45%
- don't know

3.1b Given all the contributions currently paid by employers and employees, and the pensions currently paid out to retirees, do you think that:

- the sum of all contributions exactly matches the amount necessary to finance the sum of all pensions,
- the sum of all contributions exceeds the amount necessary to finance the sum of all pensions such that money is left over in the pension system
- the sum of all contributions falls short of the amount necessary to finance the sum of all pensions such that there is need to use other government funds to subsidize the pension system
- don't know/no answer

TO ALL

3.2. Some people speak of a possible crisis in public pension systems, which would mean that, in ten/fifteen years' time we would not be able in COUNTRY to enjoy public pensions at their actual level? Do you agree with this opinion?

- yes
- no

3.3. And do you think that in the course of the next 10 years there will be a reform reducing significantly the amount of public pensions?

- yes
- no

TO ALL EMPLOYED ('yes' in 1.1.)

3.4. Suppose then that you were offered the following 'less contribution – less pension' deal. Namely, you were offered to reduce your contributions to (INPS:ADJUST to country) by one half, e.g. rather than paying 30%, you pay 15%, (ADJUST to country), and receive this amount in your payslip. However, when you retire, you will get a lower pension, as if you had worked at 50% of your salary from tomorrow onwards. Would you accept such a deal?

- yes —> 3.5
- no —> 3.6
- don't know/no answer —> 3.6

3.5. What would you do with the money?

- save all for old age provision
- spend all
- spend the smaller part, save the larger part for old age provision
- spend the larger part, save the smaller part all for old age provision
- don't know

3.6. Consider a slightly different proposal: the compulsory contributions rather than being put in your payslip would be put in an investment fund of your choice. You would be free to cash in from that fund only upon retirement. Would you accept such a deal?

- yes
- no
- don't know/no answer

ONLY TO THOSE SAYING YES IN 3.4

3.7. Suppose that you were offered the above deal under less favourable conditions. Namely, you would still be offered to reduce your contributions to (INPS) by one half (and receive this amount in your payslip), but now your pension will be calculated as if you had worked at less than 50%. In particular, would you still accept the deal if your future pension is calculated as if you worked at:

- 45% of your salary
- 40% of your salary
- 35% of your salary
- 30% of your salary
- 25% of your salary

TO ALL EMPLOYED ('yes' in 1.1.) OR UNEMPLOYED WITH WORK EXPERIENCE ('unemployed with work experience' in 1.2.)

3.8. Is your firm contributing (or has contributed) to a private pension fund on your behalf?

- yes —> 3.9
- no

3.9. Did you choose the fund yourself or did your company choose the fund?

- interviewee
- company

3.10. Do you have an individual retirement account (e.g. through life insurance or a private pension fund)?

Survey Part 4: Attitudes towards social policy trade-offs

TO ALL

4.1. In your opinion, should the state...

- reduce taxes and compulsory contributions, cutting pensions and/or transfers to households.
- maintain taxes and compulsory contributions at current levels —> 4.1a.
- increase pensions and/or transfers to households, by raising taxes and/or compulsory contributions
- don't know/no answer

4.1a. In this case, should the state

- allocate more resources to pensions and less to unemployed or young jobseekers
- allocate less resources to pensions and more to unemployed and young jobseekers, or
- keep the current situation
- don't know/no answer

Survey Part 5: Sensitive personal information

5.1. Could you indicate the amount of your household monthly income?

- three income classes
- don't know/no answer

5.2. What are your political beliefs on a decimal left-right scale?

- 0 = Extreme left
- 10 = Extreme right
- don't know/no answer

5.3. Are you a member of a trade union? (according to privacy law for each country)

- yes
- no
- don't know/no answer

5. SURVEY SAMPLE DESIGN

Interviews were carried out in all countries by the means of Computer Assisted Telephone Interview (CATI) techniques. The survey universe was represented by the population aged 16 to 80 (14 to 99 in Germany, but for purpose of cross-country comparability we focused only on the same age group as in the other countries), in households with telephone connections, resident in one of the four countries (with the only exception of the Spanish Northern African cities of Ceuta and Melilla). In each country we sampled 1000 households. In Germany, where we had a larger budget, we chose to sample 1500 households in the West and 1000 households in the East to accommodate separate analyses for both parts of the country.

Random sampling was based on a two-stage procedure:

- 1) In the first stage Random Digit Dialling (RDD) or Add Digit Dialling (ADD) was used to identify households in proportions reflecting population density, i.e. the amount of telephone numbers generated in each cell is proportional to the demographic size of that cell.
- 2) In the second stage, random selection of the respondents within the selected households was made by the mean of the nearest birth date or equivalent.

The stratification of the population by geographical areas used 9 macro-regions in France, 2 in Germany (Eastern and Western Germany), 4 in Italy and 5 in Spain.

In case an individual was not available for the interview, the selected respondent was not replaced by another member of the household. Instead, up to five attempts were made at different dates and times of the day to establish a contact with her/him. After five attempts that household was dropped from the sample.

The same procedure was followed in the case of non-response. After five unsuccessful attempts, the telephone number was replaced. Twelve attempts were made before dropping phone numbers found to be engaged.

The final sample is weighted to the universe in terms of the geographical cells as explained above, as well as gender, age, marital status and household size (in France, Italy and Spain) or family income (Germany) and size of the community.

The distribution by gender and age of the sample is provided in Table 6 below.

Table 6. Sample size and distribution by age and gender (*comparisons with labour force survey data*)

	France			Germany			Italy			Spain		
	Unweighted	Weighted	LFS	Unweighted	Weighted	LFS	Unweighted	Weighted	LFS	Unweighted	Weighted	LFS
Male	46.40	48.00	47.80	49.70	49.92	48.24	45.85	49.00	47.94	46.79	49.60	48.23
Female	53.60	52.00	52.20	50.30	50.08	51.76	54.15	51.00	52.06	53.21	50.40	51.77
	Unweighted	Weighted	LFS	Unweighted	Weighted	LFS	Unweighted	Weighted	LFS	Unweighted	Weighted	LFS
Age: 16–24	16.20	15.50	15.83	13.57	10.91	12.73	12.19	13.70	17.10	14.12	16.62	19.69
25–34	19.20	19.30	18.61	16.30	17.42	18.67	20.08	20.50	19.29	21.82	20.31	16.84
35–44	18.80	18.50	18.42	23.94	19.97	17.79	20.48	18.00	16.10	21.82	18.63	16.21
45–54	17.90	18.20	16.41	15.62	16.68	15.08	18.18	16.30	15.11	12.83	14.96	14.68
55 or more ^a	27.90	28.50	30.74	30.58	35.02	35.73	29.07	31.50	32.40	29.42	29.48	32.59
Sample Size	1017			2500			1001			1013		

^a In the LFS this last category refers to those aged more than 55, while the sample considers only those aged less than 80 years.

The table shows that the gender and age distributions of the weighted survey data and sample and of the Labour Force Survey (LFS) carried out in the various countries are broadly similar. There is only a slight under-representation of the population aged 55 or more, notably in Spain. Comparisons with census data also suggest that all surveys, except the German one, tend to under-represent the population of rural areas. The unemployed also seem to be under-represented in Spain relative to the official unemployment rate.

6. DEFINITIONS AND REFERENCE INDIVIDUAL

Table 7. Variable definitions, part 1

Variable	Description and Values
Blue-collar	Working position; 1, Blue-collar. 0, Otherwise.
Comp. Edu.	Educational attainment; 1, If compulsory degree obtained. 0, Otherwise.
Crisis	Opinion on a possible crisis of the public pension system; 1, yes. 0, Otherwise.
Currently Working	Labour market status; 1, If work at present. 0, otherwise.
Eastern Germany	Region of residence; 1, If Eastern Germany. 0, Otherwise.
France	Country of residence; 1, If France. 0, Otherwise.
Germany	Country of residence; 1, If Germany. 0, Otherwise.
Head of Household	Position in the household; 1, If head of household. 0, Otherwise.
High risk of job loss	Opinion on a possible job loss; 1, If very likely. 0, Otherwise.
High unemployment regions	Resident in a region with high unemployment; 1, Yes. 0, Otherwise
Informed	Information on overall contribution rate to public pensions; 1, If informed. 0, Otherwise.
Italy	Country of residence; 1, If Italy. 0, Otherwise.
Left	Political ideology; 1, If left-wing. 0, Otherwise.
Male	Gender; 1, If male. 0, If female.
Manufacturing	Manufacturing worker; 1, If yes. 0, Otherwise.
Medium Skilled	Job type; 1, If white-collar. 0, Otherwise.
Middle income	Income class; 1, Middle income recipient. 0, Otherwise.
Old	Age class; 1, If more then 54 years. 0, Otherwise.
Permanent	Type of contract; 1, If permanent. 0, Otherwise
Poor	Income class; 1, If low income. 0, Otherwise.
Pub. Adm.	Public Sector Worker; 1, Yes. 0, Otherwise
Rich	Income class; 1, If high income. 0, Otherwise.
Right	Political ideology; 1, If right-wing. 0, Otherwise.
Self-employed	Type of occupation; 1, If self-employed. 0, Otherwise.
Spain	Country of residence; 1, Spain. 0, Otherwise.
Unemployed	Unemployed; 1, Yes. 0, Otherwise
Unemployment duration	Duration of job search; 1, If more than 1 year. 0, Otherwise.
Union	Union membership; 1, If yes. 0, Otherwise.
Univ	Educational attainment; 1, If tertiary degree obtained. 0, Otherwise.
Unskilled	Job type; 1, If manual worker. 0, Otherwise.
White-collar	Working position; 1, White-collar. 0, Otherwise.
Without previous job experience	Job experience; 1, If without experience. 0, Otherwise.
Young	Age class; 1, If less then 35 years. 0, Otherwise

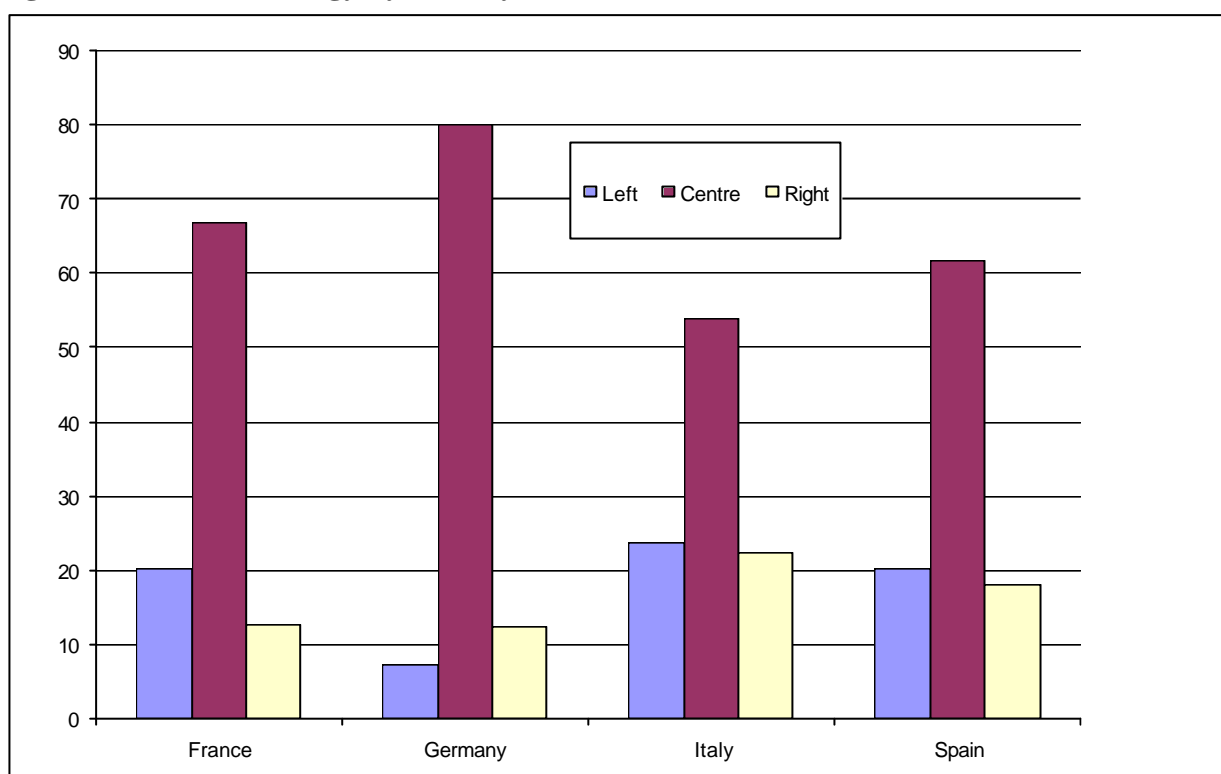
6.1. Reference individual

In general, the reference individual has the following characteristics: middle age, high school education, middle third of income distribution, dependent employment, white collar, normal risk of job loss, centre political position, non-union member, previous job experience, average unemployment region.

6.2. Political position and union affiliation

In the last part of our survey we ask what are the political positions of the respondents on a left to right scale between 0 (extreme left) and 10 (extreme right). We then reclassified this measure in France, Italy and Spain on a more coarse definition of left (between 0 and 3), centre (between 4 and 6) and right (between 7 and 10). As shown in Figure 1, most respondents classify themselves as centre voters in all countries.

Figure 1. Political ideology by country



In Germany, the so-called ‘Sunday question’ (‘what would you vote if elections were to take place next Sunday’) had to be used to map into this scale because no 10-digit scale could be ascertained: PDS (extreme left), CDU, SPD, FDP, Green party (centre), NPD, Republicans (extreme right). This is arguably coarse because the fault lines are actually within the broad German centre parties. Figure 1 shows that this discrepancy is limited:

Table 8. Union density: our sample and other surveys

	France		Germany		Italy		Spain	
	Our survey	Ebbinghaus & Visser ^b	Our survey	Ebbinghaus & Visser ^b	Our survey	Ebbinghaus & Visser ^b	Our survey	Ebbinghaus & Visser ^b
Union density (% of total employees)	15.68	8.6	26.76	26.5	24.54	32.4	18.52	
Non-Active members (% of total members) ^a	24.32	25.00	44.24	17.90	42.55	47.40	15.00	

^a Include unemployed, retired, students, conscripted and housewife.

^b Ebbinghaus and Visser (2000), *Trade Unions in Western Europe since 1945*, London/New York, Macmillan.

We also asked the respondents whether they are affiliated with a trade union. Only a small percentage refused to answer the question on union affiliation, while about a third did not answer the question on political position. Table 8 provides information about the sample distribution of this variable:

As shown in the table, union density rates obtained from the survey are not strictly comparable to those obtained by Ebbinghaus and Visser on the basis of information provided by the unions. One of the reason for these discrepancies is that the survey enables us to better discriminate between active and non-active members of the unions. In countries like Germany, according to our survey, almost 50% of union members are inactive, compared with less than 20% in the data reported by the unions.

6.3. Regions with high unemployment

Italy: Mezzogiorno

Spain: Andalucia, Extremadura, Galicia and Asturias

France: all regions with unemployment rates above the country average

Germany: the Eastern *Länder*