



■ **Andrea Hense**  
**Measuring and Explaining Self-Perceived  
Employment Risks**

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LSE, London

# ■ Research problem

- Employees are increasingly concerned about job / income insecurity
- Cognitive explanation: perceived job precarity =  $P_{JL} * V_{JL}$   
 $P_{JL}$  perceived likelihood ,  $V_{JL}$  importance / value of losing a job
- Theory-guided analytical framework is missing that explains why certain employees are more likely to perceive higher precarity than others

**=> develop a social explanatory model**

- How do social conditions influence the subjective perception of job / income precarity?

## ■ PFH model

- **Production Theory (Lindenberg / Bourdieu):**

unequal assets for the production or substitution of wage labor

- **Field Theory (Bourdieu)**

accounts for social conditions of using and substituting these assets

- **Habitus Theory (Bourdieu)**

accounts for preceding social influences that generated different patterns of perception (habitus)

=> affect perceived likelihood ( $P_{JL}$ ) and importance ( $V_{JL}$ ) of loosing a job

# ■ Lindenberg: Production Theory

## Social production functions:

- Which assets (production factors) are needed to produce wage labor?
- Which assets may substitute wage labor in order to produce income?

=> access to assets for the production or substitution of wage labor influences perceived  $P_{JL}$  and  $V_{JL}$  of loosing a job

$$P_{JL} = f(PF_{JP})$$

$$V_{JL} = g(PF_{JS})$$

# ■ Bourdieu: Field Theory

**The Capital Theory is necessarily related to the Field Theory**

Employability of the capital depends on the structure of the field

- investments of other players within the field
- their valorization of the capital

=> Efficiency of assets is not stable but conditioned by the field

$$P_{JL} = f(PF_{JP} \mid F_{JP})$$

$$V_{JL} = g(PF_{JS} \mid F_{JS})$$

# ■ Bourdieu: Habitus Theory

## Habitus-theoretical dynamization of the model

cognitive patterns of perception (habitus) are being shaped by former experiences regarding the production or substitution of wage labor

=> Anticipated efficiency of assets is conditioned by habitualized experiences (HE) / prior social conditions

$$P_{JL,t} = f(PF_{JP,t} \mid F_{JP,t}, \mathbf{HE}_{JP,t-1})$$

$$V_{JL,t} = g(PF_{JS,t} \mid F_{JS,t}, \mathbf{HE}_{JS,t-1})$$

# ■ Hypotheses: Production Theory

Perceived precarity is higher among those individuals whose assets restrict ...

*H1*: ...the production of wage labor, so that  $P_{JL}$  will be raised.

=> credentials, job position, employment contracts

*H2*: ...the substitution of wage labor, so that  $V_{JL}$  will be raised.

=> social capital (economic resources of the household and family)

## ■ Hypotheses: Field Theory

Perceived precarity is higher within fields that restrict...

*H3: ...the production of wage labor and raise  $P_{JL}$*

=> regional unemployment rate, controlled for: firm size, industry

*H4: ...the substitution of wage labor and raise  $V_{JL}$*

=> Period and year effects: increasing commodification of wage labor  
(labor and social security legislation)



## ■ Hypotheses: Habitus Theory

Perceived precarity is higher among those individuals whose past experiences...

*H5:* ...make  $P_{JL}$  appear more likely.

=> involuntary layoff, cohort effect of GDR socialization

*H6:* ...have shown the severity of a job loss and increase  $V_{JL}$

=> former experience of unemployment

# ■ Data and Methods

- **Data**  
German Socio-Economic Panel, waves 1985-2011, unbalanced design
- **Sample**  
dependent employees in private households at age 18-65 excluding students, trainees, pensioners
- **Dependent variable**  
concerns about job / income security (no, some, big concerns)
- **Method**  
Random effects generalized ordered probit panel regression

## ■ Job precarity: Concerns about job security

Production Theory		West	East
Highest school qualification (ref.: secondary school)			
No certificate	H1a if high	.051 (.287)	-.165 (.127)
Junior high school	if high	-.079*** (.018)	-.006 (.039)
High school	if high	-.125*** (.025)	-.149** (.053)
Highest voc. qualification (ref.: apprenticeship)			
No / other certificate	if high	.030 (.017)	-.122 (.094)
Academic degree	if high	-.028 (.025)	-.070 (.038)

## ■ Job precarity: Concerns about job security

Production Theory		West	East
Highest school qualification (ref.: secondary school)			
No certificate	H1a if high	.051 (.287)	-.165 (.127)
Junior high school	if high	-.079*** -.127*** (.021)	-.006 -.217*** (.038)
High school	if high	-.125*** -.208*** (.029)	-.149** -.410*** (.053)
Highest voc. qualification (ref.: apprenticeship)			
No / other certificate	if high	.030 (.017)	-.122 -.072 (.065)
Academic degree	if high	-.028 (.025)	-.070 (.038)

## ■ Job precarity: Concerns about job security

Production Theory (cont.)		West		East	
Job position (ref.: un-/semi-trained worker)					
Trained worker	if high	-.062***	(.018)	-.080*	(.034)
Team leader	if high	-.186***	(.037)	-.099	(.061)
Foreman	if high	-.182***	(.032)	-.078	(.052)
Employee with simple tasks	if high	-.107***	(.020)	-.207***	(.038)
Qualified professional	if high	-.179***	(.020)	-.176***	(.036)
Highly qualified professional	if high	-.230***	(.024)	-.207***	(.043)
Managerial	if high	-.297***	(.042)	-.296***	(.072)
Low-level civil service	if high	-.752***	(.099)	-.614***	(.174)
Middle-level civil service	if high	-.955***	(.053)	-1.378***	(.110)
High-level civil service	if high	-1.469***	(.054)	-1.179***	(.099)
Executive level civil service	if high	-1.523***	(.065)	-1.267***	(.148)

H1b

# ■ Job precariousity: Concerns about job security

Production Theory (cont.)		West		East	
Job position (ref.: un-/semi-trained worker)					
Trained worker	if	-.062***	(.018)	-.080*	(.034)
	high	-.118***	(.020)	-.024	(.033)
Team leader	if				
	high	-.186***	(.037)	-.099	(.061)
Foreman	if				
	high	-.182***	(.032)	-.078	(.052)
Employee with simple tasks	if	-.107***	(.020)	-.207***	(.038)
	high	-.202***	(.024)	-.104**	(.037)
Qualified professional	if	-.179***	(.020)		
	high	-.314***	(.023)	-.176***	(.036)
Highly qualified professional	if	-.230***	(.024)		
	high	-.396***	(.029)	-.207***	(.043)
Managerial	if	-.297***	(.042)		
	high	-.482***	(.059)	-.296***	(.072)
Low-level civil service	if				
	high	-.752***	(.099)	-.614***	(.174)
Middle-level civil service	if			-1.378***	(.110)
	high	-.955***	(.053)	-1.037***	(.144)
High-level civil service	if	-1.469***	(.054)		
	high	-1.218***	(.082)	-1.179***	(.099)
Executive level civil service	if	-1.523***	(.065)	-1.267***	(.148)
	high	-1.251***	(.102)	-.623*	(.256)

H1b

# ■ Job precariousity: Concerns about job security

H1c

Production Theory (cont.)		West		East	
Fixed term contract (ref.: permanent)	if high	.537***	(.018)	.325***	(.032)
Part-time (< 21 hrs.) (ref.: full-time)	if high	-.255***	(.016)	-.390***	(.041)
Household net equivalent income (x1000€)	if high	-.099***	(.001)	-.275***	(.019)
Share of employed household members	if high	-.134***	(.020)	.083*	(.041)
Social background (ref.: Father: blue-collar worker)					
Father: clerical worker	if high	-.150***	(.024)	-.095*	(.038)
Father: public servant	if high	-.255***	(.033)	.110	(.105)
Father: self-employed	if high	-.187***	(.028)	-.146*	(.072)
No answer/other	if high	.057**	(.021)	.019	(.039)

# ■ Job precariousity: Concerns about job security

H1c

Production Theory (cont.)		West		East	
Fixed term contract (ref.: permanent)	if	.537***	(.018)	.325***	(.032)
	high	.655***	(.019)	.646***	(.029)
Part-time (< 21 hrs.) (ref.: full-time)	if			-.390***	(.041)
	high	-.255***	(.016)	-.149***	(.045)
Household net equivalent income (x1000€)	if			-.275***	(.019)
	high	-.099***	(.001)	-.400***	(.024)
Share of employed household members	if	-.134***	(.020)	.083*	(.041)
	high	-.012	(.024)	.221***	(.042)
Social background (ref.: Father: blue-collar worker)					
Father: clerical worker	if			-.095*	(.038)
	high	-.150***	(.024)		
Father: public servant	if	-.255***	(.033)	.110	(.105)
	high	-.170***	(.039)		
Father: self-employed	if			-.146*	(.072)
	high	-.187***	(.028)		
No answer/other	if	.057**	(.021)	.019	(.039)
	high	.161***	(.022)		



## ■ Job precarity: Concerns about job security

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No answer/other	if high	.057**	(.021)	.019	(.039)

H2a

## ■ Job precarity: Concerns about job security

Production Theory (cont.)		West		East	
Fixed term contract (ref.: permanent)	if	.537***	(.018)	.325***	(.032)
	high	.655***	(.019)	.646***	(.029)
Part-time (< 21 hrs.) (ref.: full-time)	if			-.390***	(.041)
	high	-.255***	(.016)	-.149***	(.045)
Household net equivalent income (x1000€)	if			-.275***	(.019)
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Share of employed household members	if	-.134***	(.020)	.083*	(.041)
	high	-.012	(.024)	.221***	(.042)
Social background (ref.: Father: blue-collar worker)					
Father: clerical worker	if			-.095*	(.038)
	high	-.150***	(.024)		
Father: public servant	if	-.255***	(.033)	.110	(.105)
	high	-.170***	(.039)		
Father: self-employed	if			-.146*	(.072)
	high	-.187***	(.028)		
No answer/other	if	.057**	(.021)	.019	(.039)
	high	.161***	(.022)		

H2a

## ■ Job precarity: Concerns about job security

Production Theory (cont.)		West		East	
Fixed term contract (ref.: permanent)	if high	.537***	(.018)	.325***	(.032)
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Household net equivalent income (x1000€)	if high	-.099***	(.001)	-.275***	(.019)
Share of employed household members	if high	-.134***	(.020)	.083*	(.041)
Social background (ref.: Father: blue-collar worker)					
H2b Father: clerical worker	if high	-.150***	(.024)	-.095*	(.038)
Father: public servant	if high	-.255***	(.033)	.110	(.105)
Father: self-employed	if high	-.187***	(.028)	-.146*	(.072)
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Social background (ref.: Father: blue-collar worker)					
Father: clerical worker	if				
	high	-.150***	(.024)	-.095*	(.038)
Father: public servant	if	-.255***	(.033)		
	high	-.170***	(.039)	.110	(.105)
Father: self-employed	if				
	high	-.187***	(.028)	-.146*	(.072)
No answer/other	if	.057**	(.021)		
	high	.161***	(.022)	.019	(.039)

H2b

## ■ Job precarity: Concerns about job security

H3

Field Theory		West	East
Regional unemployment rate	if high	.052***	.020***
Period (cont. since 1985 West, 1990 East)	if high	.029***	-.004*
1989	if high	-.153***	-
1997	if high	.159***	.083*
2001	if high	-.208***	-.104**
2003	if high	.145***	.095***
2005	if high	.221***	.241***
2008	if high	-.054**	-.032
Not reported: industries, firm size	if high	....	....

## ■ Job precarity: Concerns about job security

H3

Field Theory		West		East	
Regional unemployment rate	if	.052***	(.002)	.020***	(.003)
	high	.061***	(.002)	.008**	(.003)
Period (cont. since 1985 West, 1990 East)	if	.029***	(.001)	-.004*	(.002)
	high	.017***	(.001)	-.013***	(.002)
1989	if				
	high	-.153***	(.021)	-	-
1997	if	.159***	(.024)	.083*	(.042)
	high	.018	(.029)	-.038	(.042)
2001	if	-.208***	(.019)	-.104**	(.036)
	high	-.302***	(.028)	-.203***	(.039)
2003	if	.145***	(.019)	.095***	(.030)
	high	.082***	(.024)		
2005	if	.221***	(.021)	.241***	(.031)
	high	.092***	(.024)		
2008	if				
	high	-.054**	(.018)	-.032	(.031)
Not reported: industries, firm size	if				
	high	....	....	....	....

## ■ Job precarity: Concerns about job security

H4a

Field Theory		West	East
Regional unemployment rate	if high	.052*** (.002)	.020*** (.003)
Period (cont. since 1985 West, 1990 East)	if high	.029*** (.001)	-.004* (.002)
1989	if high	-.153*** (.021)	-
1997	if high	.159*** (.024)	.083* (.042)
2001	if high	-.208*** (.019)	-.104** (.036)
2003	if high	.145*** (.019)	.095*** (.030)
2005	if high	.221*** (.021)	.241*** (.031)
2008	if high	-.054** (.018)	-.032 (.031)
Not reported: industries, firm size	if high	....	....

## ■ Job precariousity: Concerns about job security

H4a

Field Theory		West		East	
Regional unemployment rate	if	.052***	(.002)	.020***	(.003)
	high	.061***	(.002)	.008**	(.003)
Period (cont. since 1985 West, 1990 East)	if	.029***	(.001)	-.004*	(.002)
	high	.017***	(.001)	-.013***	(.002)
1989	if				
	high	-.153***	(.021)	-	-
1997	if	.159***	(.024)	.083*	(.042)
	high	.018	(.029)	-.038	(.042)
2001	if	-.208***	(.019)	-.104**	(.036)
	high	-.302***	(.028)	-.203***	(.039)
2003	if	.145***	(.019)	.095***	(.030)
	high	.082***	(.024)		
2005	if	.221***	(.021)	.241***	(.031)
	high	.092***	(.024)		
2008	if				
	high	-.054**	(.018)	-.032	(.031)
Not reported: industries, firm size	if				
	high	....	....	....	....



## ■ Job precarity: Concerns about job security

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Period (cont. since 1985 West, 1990 East)	if high	.029*** (.001)	-.004* (.002)
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Not reported: industries, firm size	if high	....	....

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	high	.092***	(.024)	.241***	(.031)
2008	if				
	high	-.054**	(.018)	-.032	(.031)
Not reported: industries, firm size	if				
	high	....	....	....	....

## ■ Job precarity: Concerns about job security

H5

Habitus Theory		West		East	
GDR socialization (ref.: no)	if high	.225***	(.039)	.485***	(.088)
Past involuntary layoff (ref.: no)	if high	.222***	(.026)	.123***	(.032)
Overall past unemployment duration (yrs)	if high	.037***	(.005)	.000	(.008)
Controls					
Female (ref.: male)	if high	-.027	(.018)	.198***	(.034)
Constant	if high	-57.998***	(1.600)	8.352*	(3.721)
Log likelihood		-112948.25		-36754.08	
Wald $\chi^2$		10241.05 (110)***		3284.88 (89)***	
$\rho$		.447***		.459***	
Number		144,323		42,688	
SOEP 1985-2011, unst. coef., cluster-rob. s.e., * p<.05; ** p<.01, *** p<.001, random effects generalized ordered probit					

## ■ Job precarity: Concerns about job security

H5

Habitus Theory		West		East	
GDR socialization (ref.: no)	if	.225***	(.039)	.485***	(.088)
	high	.127**	(.043)		
Past involuntary layoff (ref.: no)	if	.222***	(.026)	.123***	(.032)
	high				
Overall past unemployment duration (yrs)	if	.037***	(.005)	.000	(.008)
	high	.047***	(.006)		
<b>Controls</b>					
Female (ref.: male)	if	-.027	(.018)	.198***	(.034)
	high	.026	(.020)		
Constant	if	-57.998***	(1.600)	8.352*	(3.721)
	high	-36,689***	(1.924)		
Log likelihood		-112948.25		-36754.08	
Wald $\chi^2$		10241.05 (110)***		3284.88 (89)***	
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Past involuntary layoff (ref.: no)	if high	.222***	(.026)	.123***	(.032)
<b>H6</b> Overall past unemployment duration (yrs)	if high	.037***	(.005)	.000	(.008)
Controls					
Female (ref.: male)	if high	-.027	(.018)	.198***	(.034)
Constant	if high	-57.998***	(1.600)	8.352*	(3.721)
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## ■ Job precariousity: Concerns about job security

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Number		144,323		42,688	
SOEP 1985-2011, unst. coef., cluster-rob. s.e., * p<.05; ** p<.01, *** p<.001, random effects generalized ordered probit					

# ■ Results and discussion

■ **PFH model** offers a theoretical model to explain social influences on perceptions of precarity

■ **Social Explanation: Production, Field, and Habitus Theory**

■ **Subjective perception of precarity is influenced by:**

- unequal assets for the production and substitution of wage labor
- varying social conditions to use or substitute these assets
- unequal experiences regarding the production and substitution of wage labor

■ **Subjective indicators** are needed to measure social inequality: self-perceived precarity, dimensions: esp. job / income precarity

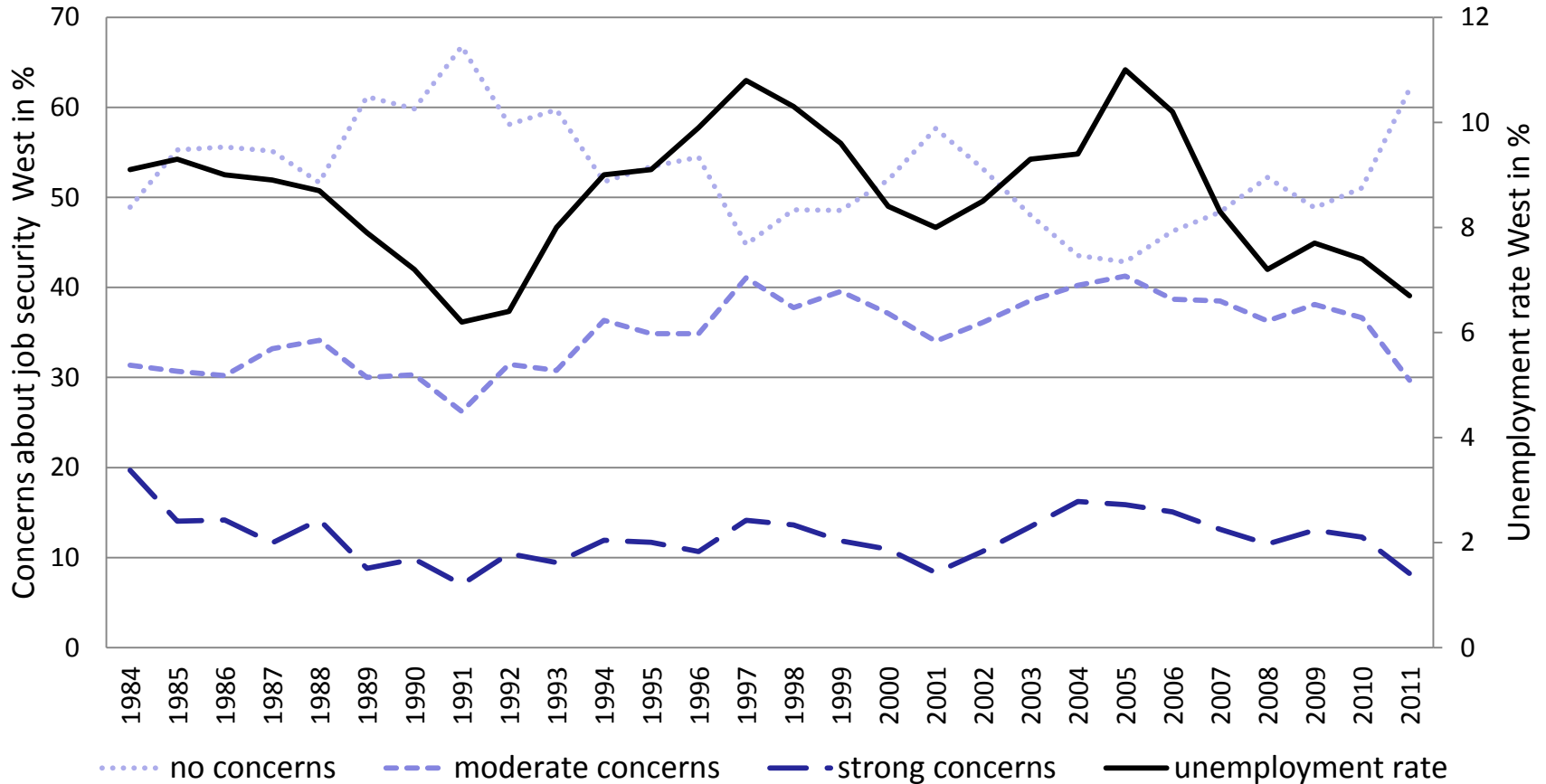
■ <http://www.soeb.de>

# ■ backup slides



# ■ Job precarity: Concerns about job security

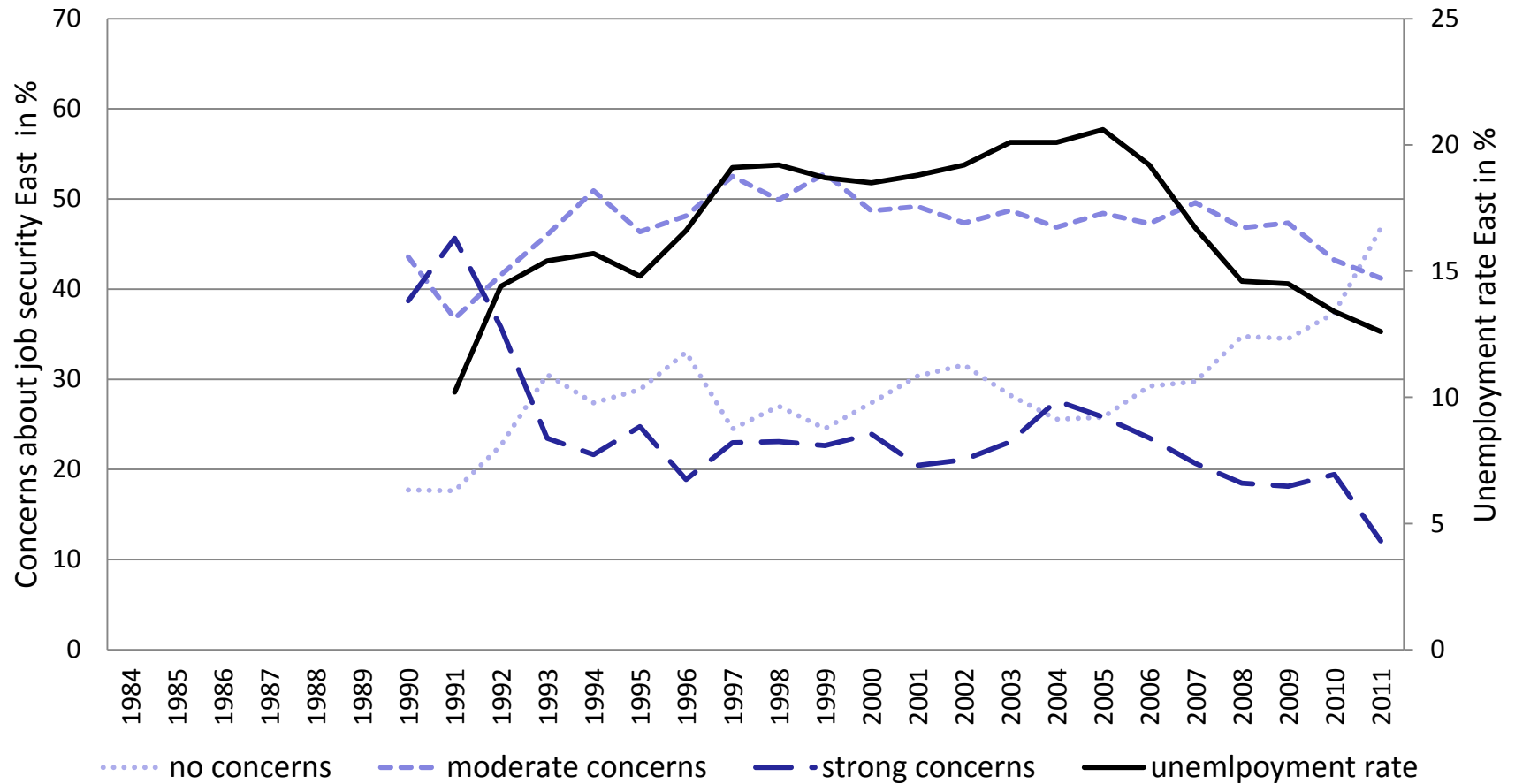
Figure 1: self-perceived job precarity over time (West)



Source: own illustration based on SOEP data (v28) and the BA

# ■ Job precariousity: Concerns about job security

Figure 2: self-perceived job precariousity over time (East)



Source: own illustration based on SOEP data (v28) and the BA

## ■ Job precarity: Concerns about job security

Industries (ref.: Public Administration)		West		East	
Agric., Forestry, Fisheries	if high	.263***	(.064)	.494***	(.059)
Energy Water	if high	.409***	(.063)	.267**	(.093)
Mining	if high	1.117***	(.086)	.762***	(.125)
Chemicals	if high	.671***	(.042)	.469***	(.073)
Synthetics	if high	.750***	(.053)	.338	(.212)
Earth, Clay, Stone	if high	.921***	(.068)	.368***	(.106)
Iron, Steel	if high	.804***	(.033)	.437***	(.054)
Mechanical Engineering	if high	.747***	(.036)	.407***	(.062)
Electrical Engineering	if high	.792***	(.039)	.406***	(.063)

## ■ Job precarity: Concerns about job security

Industries (cont.)		West		East	
Wood, Paper, Print	if	.577***	(.043)	.249***	(.076)
	high	.433***	(.048)		
Clothing, Fabric	if	.874***	(.054)	.538***	(.091)
	high	.573***	(.059)		
Food Industry	if	.595***	(.045)	.059	(.084)
	high	.425***	(.051)		
Construction	if	.684***	(.035)	.296***	(.047)
	high	.581***	(.039)		
Construction related	if	.790***	(.036)	.202**	(.068)
	high	.583***	(.040)		
Wholesale	if	.569***	(.030)	.271***	(.048)
	high	.386***	(.035)		
Transport other	if	.608***	(.036)	.105	(.055)
	high	.502***	(.041)		
Financial Services	if	.415***	(.046)	.101	(.086)
	high	.252***	(.057)		
Insurance	if	.315***	(.057)	-.251*	(.104)
	high				

## ■ Job precarity: Concerns about job security

Industries (cont.)		West		East	
Restaurants	if	.342***	(.046)	-.102	(.077)
	high	.242***	(.055)		
Service Industry	if	.429***	(.036)	.154**	(.051)
	high	.325***	(.043)		
Trash Removal	if	.061	(.082)	.150	(.175)
	high				
Education, Athletics	if	.185***	(.033)	.064	(.044)
	high				
Health Services	if	.304***	(.032)	.005	(.049)
	high	.189***	(.037)		
Other Services	if	.508***	(.037)	.105	(.057)
	high	.356***	(.045)		
Voluntary work, Church	if	.194***	(.050)	-.009	(.086)
	high				
Private Households	if	.340***	(.084)	-.250	(.137)
	high				
Other Manufacturing	if	.716***	(.047)	.395***	(.070)
	high	.498***	(.055)		

## ■ Income precariousity: Concerns economic situation

Production Theory		West	East		
Highest school qualification (ref.: secondary school)					
No certificate	if high	.019	(.028)	.021	(.179)
Junior high school	if high	-.015	(.019)	-.044	(.043)
High school	if high	-.119***	(.026)	-.137*	(.055)
	high	-.179***	(.027)	-.307***	(.051)
Highest voc. qualification (ref.: apprenticeship)					
No / other certificate	if high	.019	(.019)	-.087	(.057)
Academic degree	if high	-.076**	(.024)	-.072	(.038)

H1a

## ■ Income precarity: Concerns economic situation

Production Theory (cont.)		West		East	
Job position (ref.: un-/semi-trained worker)					
Trained worker	if	<b>-0.071***</b>	(.020)	-.107***	(.030)
	high	<b>-0.112***</b>	(.019)		
Team leader	if	<b>-0.195***</b>	(.041)	-.243***	(.058)
	high	<b>-0.329***</b>	(.046)		
Foreman	if	<b>-0.062</b>	(.037)	-.215***	(.052)
	high	<b>-0.173***</b>	(.038)		
Employee with simple tasks	if	<b>-0.108***</b>	(.021)	-.163***	(.034)
	high	<b>-0.201***</b>	(.021)		
Qualified professional	if	<b>-0.257***</b>	(.021)	-.174***	(.041)
	high	<b>-0.339***</b>	(.021)		
Highly qualified professional	if	<b>-0.408***</b>	(.025)	-.335***	(.042)
	high	<b>-0.516***</b>	(.028)		
Managerial	if	<b>-0.480***</b>	(.039)	-.435***	(.073)
	high				
Low-level civil service	if	<b>-0.285***</b>	(.082)	-.762***	(.177)
	high				
Middle-level civil service	if	<b>-0.606***</b>	(.045)	-.596***	(.102)
	high				
High-level civil service	if	<b>-0.792***</b>	(.044)	-.610***	(.095)
	high				
Executive level civil service	if	<b>-1.049***</b>	(.049)	-1.027***	(.136)
	high				

**H1b**

## ■ Income precarity: Concerns economic situation

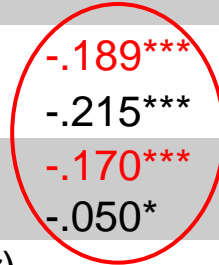
Production Theory (cont.)	H1c	West	East		
Fixed term contract (ref.: no fixed term)	if	.246***	(.019)	.191***	(.038)
	high	.301***	(.019)	.285***	(.029)
Part-time (< 21 hrs.) (ref.: full-time)	if	-.027	(.015)	-.162***	(.048)
	high			-.013	(.042)
Household net equivalent income (x1000€)	if	-.189***	(.008)	-.328***	(.019)
	high	-.215***	(.010)	-.541***	(.024)
Share of employed household members	if	-.170***	(.021)	-.230***	(.046)
	high	-.050*	(.023)	.024	(.041)
Social background (ref.: Father: blue-collar worker)					
Father: clerical worker	if			-.044	(.038)
	high	-.137***	(.024)	-.114**	(.038)
Father: public servant	if	-.203***	(.033)	-.283*	(.119)
	high	-.150***	(.037)	-.059	(.124)
Father: self-employed	if			-.121	(.064)
	high	-.147***	(.028)		
No answer/other	if	.017	(.022)	.105*	(.046)
	high	.102***	(.022)	-.055	(.040)



## ■ Income precarity: Concerns economic situation

Production Theory (cont.)		West		East	
Fixed term contract (ref.: no fixed term)	if	.246***	(.019)	.191***	(.038)
	high	.301***	(.019)	.285***	(.029)
Part-time (< 21 hrs.) (ref.: full-time)	if			-.162***	(.048)
	high	-.027	(.015)	-.013	(.042)
Household net equivalent income (x1000€)	if	-.189***	(.008)	-.328***	(.019)
	high	-.215***	(.010)	-.541***	(.024)
Share of employed household members	if	-.170***	(.021)	-.230***	(.046)
	high	-.050*	(.023)	.024	(.041)
Social background (ref.: Father: blue-collar worker)					
Father: clerical worker	if			-.044	(.038)
	high	-.137***	(.024)	-.114**	(.038)
Father: public servant	if	-.203***	(.033)	-.283*	(.119)
	high	-.150***	(.037)	-.059	(.124)
Father: self-employed	if				
	high	-.147***	(.028)	-.121	(.064)
No answer/other	if	.017	(.022)	.105*	(.046)
	high	.102***	(.022)	-.055	(.040)

H2a



## ■ Income precariousity: Concerns economic situation

Production Theory (cont.)		West		East	
Fixed term contract (ref.: no fixed term)	if	.246***	(.019)	.191***	(.038)
	high	.301***	(.019)	.285***	(.029)
Part-time (< 21 hrs.) (ref.: full-time)	if			-.162***	(.048)
	high	-.027	(.015)	-.013	(.042)
Household net equivalent income (x1000€)	if	-.189***	(.008)	-.328***	(.019)
	high	-.215***	(.010)	-.541***	(.024)
Share of employed household members	if	-.170***	(.021)	-.230***	(.046)
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Social background (ref.: Father: blue-collar worker)					
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	high	<b>-.137***</b>	(.024)	-.114**	(.038)
Father: public servant	if	<b>-.203***</b>	(.033)	-.283*	(.119)
	high	-.150***	(.037)	-.059	(.124)
Father: self-employed	if				
	high	<b>-.147***</b>	(.028)	-.121	(.064)
No answer/other	if	.017	(.022)	.105*	(.046)
	high	.102***	(.022)	-.055	(.040)

H2b

## ■ Income precarity: Concerns economic situation

Field Theory			West	East
Regional unemployment rate	<b>H3</b>	if high	<b>.041***</b> (.002)	.003 (.002)
Period (cont. since 1985 West, 1990 East)		if high	.035*** (.001)	.008*** (.002)
		if high	.028*** (.001)	.018*** (.002)
1989		if high	-.107*** (.020)	- -
1997		if high	.254*** (.026)	.187*** (.052)
		if high	.033 (.027)	-.061 (.043)
2001		if high	-.242*** (.016)	-.263*** (.039)
		if high		-.151*** (.038)
2003		if high	.158*** (.016)	.178*** (.030)
		if high		
2005		if high	.156*** (.022)	.231*** (.032)
		if high	.093*** (.022)	
2008		if high	-.085*** (.017)	-.066* (.032)
		if high		
Not reported: industries, firm size		if high	....	....

## ■ Income precarity: Concerns economic situation

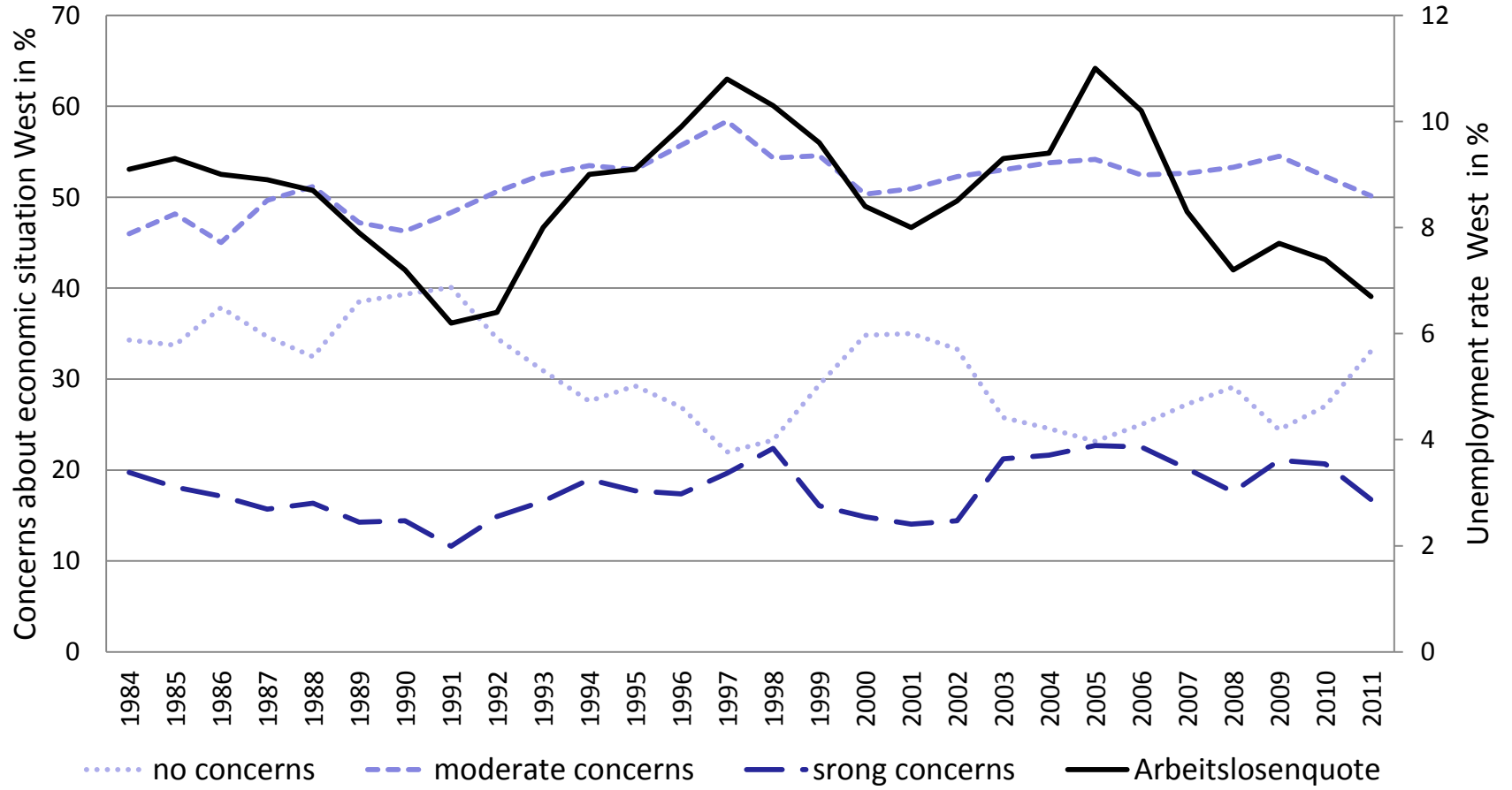
Field Theory		West	East
Regional unemployment rate	H4a if high	.041*** (.002)	.003 (.002)
Period (cont. since 1985 West, 1990 East)	if high	.035*** (.001)	.008*** (.002)
	if high	.028*** (.001)	.018*** (.002)
1989	if high	-.107*** (.020)	- -
1997	if high	.254*** (.026)	.187*** (.052)
	if high	.033 (.027)	-.061 (.043)
2001	if high	-.242*** (.016)	-.263*** (.039)
	if high		-.151*** (.038)
2003	if high	.158*** (.016)	.178*** (.030)
2005	if high	.156*** (.022)	.231*** (.032)
	if high	.093*** (.022)	
2008	if high	-.085*** (.017)	-.066* (.032)
Not reported: industries, firm size	if high	....	....

## ■ Income precarity: Concerns economic situation

Field Theory		West	East
Regional unemployment rate	H4a if high	.041*** (.002)	.003 (.002)
Period (cont. since 1985 West, 1990 East)	if high	.035*** (.001)	.008*** (.002)
	if high	.028*** (.001)	.018*** (.002)
1989	if high	-.107*** (.020)	- -
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	if high	.033 (.027)	-.061 (.043)
2001	if high	-.242*** (.016)	-.263*** (.039)
	if high		-.151*** (.038)
2003	if high	.158*** (.016)	.178*** (.030)
2005	if high	.156*** (.022)	.231*** (.032)
	if high	.093*** (.022)	
2008	if high	-.085*** (.017)	-.066* (.032)
Not reported: industries, firm size	if high	....	....

# Income precarity: Concerns economic situation

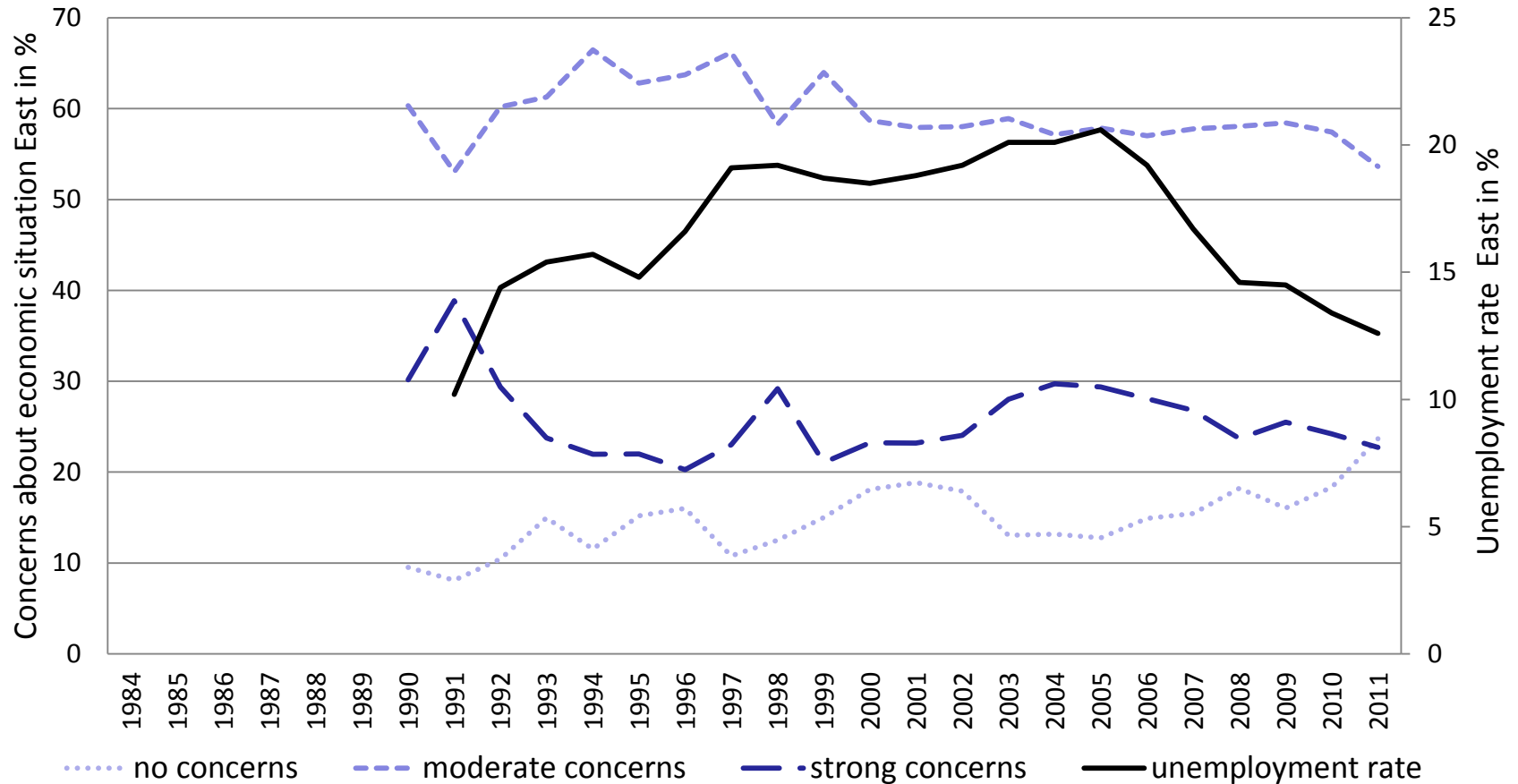
Figure 1: Experienced income precarity over time (West)



Source: own illustration based on SOEP data (v28) and the BA

# Income precariousity: Concerns economic situation

Figure 1: Experienced income precariousity over time (East)



Source: own illustration based on SOEP data (v28) and the BA

## ■ Income precarity: Concerns economic situation

Field Theory		West		East	
Regional unemployment rate	if high	.041***	(.002)	.003	(.002)
Period (cont. since 1985 West, 1990 East)	if high	.035***	(.001)	.008***	(.002)
	if high	.028***	(.001)	.018***	(.002)
1989	if high	-.107***	(.020)	-	-
	if high	.254***	(.026)	.187***	(.052)
1997	if high	.033	(.027)	-.061	(.043)
	if high	-.242***	(.016)	-.263***	(.039)
2001	if high	-.151***	(.038)		
	if high	.158***	(.016)	.178***	(.030)
2003	if high	.156***	(.022)	.231***	(.032)
	if high	.093***	(.022)		
2005	if high	-.085***	(.017)	-.066*	(.032)
	if high				
2008	if high				
	if high				
Not reported: industries, firm size		....	....	....	....

H4b



## ■ Income precariousity: Concerns economic situation

Habitus Theory		West	East
GDR socialization (ref.: no)	if	<b>.282***</b> (.043)	.430*** (.099)
	high	.119** (.043)	.215 (.115)
Past involuntary layoff (ref.: no)	if	<b>.229***</b> (.027)	.114*** (.033)
	high		
Overall past unemployment duration (yrs)	if	.058*** (.006)	.039*** (.008)
	high		
<b>Controls</b>			
Female (ref.: male)	if	.119*** (.019)	.192*** (.035)
	high	.076*** (.020)	.109*** (.032)
Constant	if	-69.340*** (1.653)	-14.898*** (4.221)
	high	-56.188*** (1.829)	-35.847*** (3.983)
Log likelihood		-120128.68	-32830.34
Wald $\chi^2$		8247.26 (90)***	2382.62 (85)***
$\rho$		.458***	.469***
Number		146,959	43,392
SOEP 1985-2011, unst. coef., cluster-rob. s.e., * p<.05; ** p<.01, *** p<.001, random effects generalized ordered probit			

## ■ Income precariousity: Concerns economic situation

Habitus Theory		West		East	
GDR socialization (ref.: no)	if	.282***	(.043)	.430***	(.099)
	high	.119**	(.043)	.215	(.115)
Past involuntary layoff (ref.: no)	if	.229***	(.027)	.114***	(.033)
	high				
Overall past unemployment duration (yrs)	if	.058***	(.006)	.039***	(.008)
	high				
<b>Controls</b>					
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## ■ Income precarity: Concerns economic situation

Industries (ref.: Public Administration)		West		East	
Agric., Forestry, Fisheries	if high	.186***	(.057)	.220***	(.057)
Energy Water	if high	.136*	(.053)	.084	(.083)
Mining	if high	.327***	(.076)	.284**	(.100)
Chemicals	if high	.125***	(.037)	.160*	(.072)
Synthetics	if high	.142*	(.057)	.069	(.159)
Earth, Clay, Stone	if high	.276***	(.066)	.029	(.114)
Iron, Steel	if high	.213***	(.030)	.108*	(.055)
Mechanical Engineering	if high	.158***	(.032)	.103	(.062)
Electrical Engineering	if high	.215***	(.034)	.185**	(.063)

## ■ Income precarity: Concerns economic situation

Industries (cont.)		West		East	
Wood, Paper, Print	if high	.116**	(.038)	.019	(.076)
Clothing, Fabric	if high	.160***	(.047)	.044	(.099)
Food Industry	if high	.165***	(.041)	-.110	(.109)
Construction	if high	.192***	(.031)	.081	(.047)
Construction related	if high	.227***	(.032)	.032	(.067)
Wholesale	if high	.206***	(.029)	.094*	(.044)
Transport other	if high	.193***	(.031)	.154**	(.051)
Financial Services	if high	.003	(.046)	-.225*	(.092)
Insurance	if high	-.014	(.055)	-.184	(.122)
		.222***	(.062)		

## ■ Income precarity: Concerns economic situation

Industries (cont.)		West		East	
Restaurants	if high	.191***	(.042)	.143	(.075)
Service Industry	if high	.127***	(.031)	.063	(.051)
Trash Removal	if high	.046	(.075)	.721**	(.271)
Education, Athletics	if high	.027	(.030)	-.307	(.217)
Health Services	if high	.121***	(.028)	-.049	(.046)
Other Services	if high	.153***	(.034)	.086	(.056)
Voluntary work, Church	if high	-.000	(.046)	.070	(.082)
Private Households	if high	.263***	(.074)	.061	(.119)
Other Manufacturing	if high	.150***	(.041)	.132	(.070)