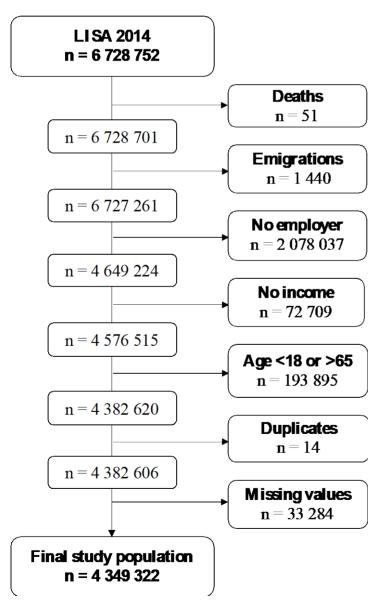
Exploring multi-dimensional operationalizations of precarious employment in Swedish register data – a typological approach and a summative score approach ¹

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- 1. Supplementary material
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Figure S1. Flow chart of study population



	Male	Female
Public sector company		
Working in a public sector company	100*	100*
Working in a private sector company – employers bra	nch of econo	mic activity
Agriculture, forestry, fishing	81.2	79.0
Mining and quarrying; Manufacturing	97.9	97.7
Electricity, gas and air conditioning supply; Water supply; sewerage, waste management and remediation activities	97.8	98.5
Construction	93.9	91.2
Wholesale and retail trade, repair of motor vehicles and motorcycles	94.0	94.7
Fransportation and storage	93.4	96.2
Accommodation and food service activities	76.8	86.8
nformation, communication	93.9	94.8
Financial and insurance activities	96.6	97.7
Real estate activities	88.7	89.9
Professional, scientific and technical activities; Administrative and support service activities	93.4	93.5
Public administration and defence; compulsory social security	100*	100*
Education	87.1	93.5
Human health and social work activities	95.8	97.4
Arts, entertainment and recreation; Other service activities	83.9	82.4
Working in a private sector company - number of emp	oloyees in the	company
1	0*	0*
2-5	72.1	70.4
5-10	88.2	87.0
11-50	96.2	95.8
51-100	98.6	98.1
<u>></u> 101	98.5	98.7

Table S2. Model fit measures from exploratory and confirmatory latent class analyses					
Exploratory (half sample)					
Cluster solution	AIC	BIC	BIC, adjusted	Entropy	
Four clusters	17140689.58	17141382.16	17141207.36	0.85	
Five clusters	17092929.43	17093798.30	17093579.02	0.87	
Six clusters	17066101.59	17067146.76	17066882.98	0.81	
Seven clusters	17050299.87	17051451.33	17051143.06	0.76	
Confirmatory, final solution (full sample)					
	AIC	BIC	BIC, adjusted	Entropy	
Six clusters	34129266.853	34130369.55	34130105.77	0.81	

Table S3. Conditional item probabilities for the	•		•		• •	
Owners; PER=Precarious Employment Relations		BO BO	Employment; P-l	PER Precari	P-SE	
	SER	BO	Proficians	PEK	P-SE	P-MJH
Total	60	2	10	22	5	2
Contractual relationship insecurity						
Directly employed by the employer	93	0	78	91	20	11
Employed by an agency	1	0	1	4	0	0
Combination of self-employment and direct employment	7	4	21	5	4	84
Self-employed	0	96	0	0	17	3
Solo self-employed	0	0	0	0	59	2
Contractual temporariness						
Stable employment	92	92	51	8	77	46
Unstable employment	8	8	49	92	24	54
Multiple jobs/economic sectors						
1 job	94	94	11	45	96	4
≥2 jobs	0	4	40	19	3	31
≥2 jobs in >1 economic sector	6	2	49	36	1	65
Income level						
≥200% of the median	6	8	11	1	1	4
120-199% of the median	29	52	44	6	16	24
80-119% of the median	49	31	40	26	26	28
60-79% of the median	11	6	5	20	18	15
<60% of the median	5	4	0	47	39	29
CBA coverage						
>90%	87	20	83	64	0	15
70-90%	11	41	14	24	0	15
≤70%	2	39	3	12	100	70

Employment type	Rationale for label
Standard Employment Relationship	Rresembles the SER described in literature, characterized by socially protected, stable, and full-time employment ¹ .
Business Owners	Reflects self-employed that, in addition to having had the ability to employee employees and as such have better protection against economic downturns, have better conditions compared to solo self-employed.
Proficians	"Proficians", as described by Standing ² , refers to a group of highly skilled and flexible professionals. Previous studies have labelled similar employment types as "portfolio" jobs ³⁴ .
Precarious Employment Relationship	Embodies the expected features of traditional PE-conditions, including employment instability and poor income ^{5 6} .
Precarious Self-employment	Reflects the precarious and vulnerable situation of solo self- employed on the labor market, having more income- and job- insecurity compared to employed ⁷ and being more sensitive to economic pressures and downturns than self-employed with employees due to the lack of protection from a larger organization ⁸ .
Precarious Multiple Job holders	As multiple job holding has been argued to be a feature of PE ⁵⁶ ⁹ , taken together with poor CBA coverage and poor-moderate income, this employment type was labelled to reflect precarious multiple job holders.

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