Online Resource 1. STROBE checklist

Journal: Journal of Occupational Rehabilitation

Article title: Employment pathways in the five years after workers' compensation medical care ends: a sequence analysis of two Korean national cohorts

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Online Resource 1 STROBE checklist for cohort studies

Section	Item	Recommendation (abbreviated)	Where reported
Title and abstract	1	(a) Study design indicated with a commonly used term in the title or abstract; (b) informative and balanced summary	Title ("sequence analysis of two Korean national cohorts"); Abstract
Background/rationale	2	Scientific background and rationale	Introduction, paragraphs 1–3
Objectives	3	Specific objectives, including pre-specified hypotheses	Introduction, last paragraph (research questions 1–4, hypotheses H1 and H2)
Study design	4	Key elements of study design early in the paper	Methods: Data Source and Setting; Statistical Analysis (Analysis plan)
Setting	5	Setting, locations and relevant dates (recruitment, exposure, follow-up, data collection)	Methods: Data Source and Setting; Online Resource 2, S1.1
Participants	6	(a) Eligibility criteria, sources and methods of selection, methods of follow-up; (b) matched studies: matching criteria	(a) Methods: Data Source and Setting, Study Population; Online Resource 2, S1.1 and Table S1; (b) not applicable
Variables	7	Outcomes, exposures, predictors, potential confounders and effect modifiers; diagnostic criteria	Methods: Employment States and Sequences, Factors at Injury; Online Resource 2, Table S2
Data sources/measurement	8	Sources of data and methods of assessment for each variable; comparability across groups	Methods: Data Source and Setting, Employment States and Sequences; Online Resource 2, Table S2
Bias	9	Efforts to address potential sources of bias	Methods: Study Population (longitudinal weights), Statistical Analysis (Sensitivity analyses); Discussion: Strengths and Limitations
Study size	10	How the study size was arrived at	Methods: Study Population (all participants who responded at all five interviews were included); Online Resource 2, Table S1
Quantitative variables	11	Handling of quantitative variables; choice of groupings	Methods: Factors at Injury; Online Resource 2, Table S2
Statistical methods	12	(a) All statistical methods, including control for confounding; (b) subgroups and interactions; (c) missing data; (d) loss to follow-up; (e) sensitivity analyses	(a) Methods: Statistical Analysis; Online Resource 2, S1.2–S1.7; (b) cohort interactions (Methods: Association models; Table S7); (c) Methods: Study Population and Factors at Injury (no missing values), Sensitivity analyses (missed interviews); (d) longitudinal weights and SA6 (Online Resource 2, S1.7, Table S14); deaths and other reasons for missed interviews (post hoc; S1.10, Table S19); (e) Methods: Sensitivity analyses; Tables S8, S13–S15; post hoc analyses (S1.10, Tables S16–S19)
Participants	13	(a) Numbers at each stage; (b) reasons for non-participation; (c) flow diagram	(a) Results: Participants; Table S1; (b) reasons recorded for missed interviews, including death: Online Resource 2, Table S19 (post hoc); (c) participation by interview is tabulated in Table S1 instead of a diagram

Descriptive data	14	(a) Characteristics of participants and information on exposures and confounders; (b) number with missing data for each variable; (c) follow-up time	(a) Table 1; (b) Methods: Factors at Injury (no missing values in the analytic sample); (c) Methods: five annual interviews per cohort
Outcome data	15	Numbers of outcome events or summary measures over time	Results: Employment Pathways; Table 2; Fig. 1; Online Resource 2, Tables S5 and S11
Main results	16	(a) Unadjusted and confounder-adjusted estimates with precision; (b) category boundaries; (c) absolute risk for a meaningful period	(a) Adjusted: Table 3 and Table S6; unadjusted: Online Resource 2, Table S17 (post hoc); crude event proportions for H2 in Table S9; (b) Table 1 and Table 3; (c) average marginal effects (Table 3) and standardised probabilities (Fig. 2)
Other analyses	17	Other analyses: subgroups, interactions and sensitivity analyses	Results: Employment Persistence; Additional and Sensitivity Analyses; Online Resource 2, Tables S7–S19
Key results	18	Key results with reference to study objectives	Discussion, paragraph 1
Limitations	19	Limitations, including sources of potential bias or imprecision	Discussion: Strengths and Limitations
Interpretation	20	Cautious overall interpretation	Discussion, paragraphs 2–8; Conclusion
Generalisability	21	External validity	Discussion: Strengths and Limitations (last sentence)
Funding	22	Source of funding and role of funders	Statements and Declarations: Funding (no funding received)

Checklist items follow the STROBE statement for cohort studies (von Elm et al. 2007); recommendations are abbreviated. Locations refer to section headings of the manuscript because page numbers change during production.