

Experience of child welfare services and long-term adult mental health outcomes: a scoping review

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Supplementary Table TS3. Final model covariates, included studies of OHC placement type and adult mental health

Study	Covariates				
	ACEs	Demographics	Socio-economic	Care experiences	Other
Benedict et al. (1996), USA		Current age (<i>ns</i>) Gender (<i>ns</i>) Ethnicity (<i>ns</i>)		Adoption vs other outcome (-) Maltreatment in OHC (-) Maternal drug use and kinship care (-) Mental health problems in OHC (-)	Behavioural problems prior to OHC (-)
Carpenter and Clyman (2004), USA	Unwanted 1st sexual experience <18 years (-)	Current age (<i>ns</i>) Ethnicity (+ African American, Hispanic <i>ns</i>)	Education (<i>ns</i>) Unemployed (<i>ns</i>) Homemaker (<i>ns</i>) Household income (<i>ns</i>) Poor health status (-) Living alone (-)		
Cook-Fong (2000), USA		Gender (- female) Ethnicity (<i>ns</i>) Current age (+ older age)	Parental education (<i>ns</i>) Father's occupational status (-) Education (<i>ns</i>) Income (+) Married (+)		
Dregan and Gulliford (2012), UK	Placed due to parental illness (-) Placed for abuse/neglect/other/unknown (<i>ns</i>)	Current age (<i>nr</i>) Gender (<i>nr</i>) Ethnicity (<i>nr</i>)	Mother's age (<i>nr</i>) Parental social class (<i>nr</i>) Number of siblings (<i>nr</i>) Parental education (<i>nr</i>)	Age at admission (<i>ns</i>) Duration in care (- longer stay) Number of placements (-)	Premature birth (<i>nr</i>) Birthweight (<i>nr</i>) Maternal smoking/drinking during pregnancy (<i>nr</i>) Breastfed (<i>nr</i>)
Fechter-Leggett and O'Brien (2010), USA	Parent m/health problem (mixed) Mother physical health problem (+ depression) Placement reason (+ depression) Type of abuse (- PTSD, - overall m/h)	Gender (mixed)		Maltreatment during OHC (mixed) Duration OHC (- any diagnosis) Leaving care resources (mixed) Preparation for leaving care (mixed) Casey region (+ PTSD) School changes (+ panic syndrome) Foster parent helpfulness (mixed) Help with ethnic issues (+ depression) Education services (+ PTSD, anxiety)	Behaviour problems (mixed)

Hjern et al. (2018), Sweden		Year of birth (nr) Gender (nr)	Area of residence (nr) School marks grade 9 (nr) Income (nr) Labour market participation (nr)		
Jackson Foster et al (2011), USA	Sexual abuse (-) Emotional abuse (-) Physical abuse (<i>ns</i>) Neglect (<i>ns</i>)	Current age (+ younger age) Gender (- female) Ethnicity (<i>ns</i>)	Poverty (<i>ns</i>)	Kinship care x female (+) Maltreatment during OHC (-) Placement change rate (<i>ns</i>)	Clinical problems (<i>ns</i>)
Jackson Foster et al. (2015), USA		Gender (- female)	Poverty status (+ at or above poverty line) Married (+)	Maltreatment during OHC (-) Felt loved by foster parent (<i>ns</i>) Foster parent helpfulness (- less helpful) Close relationship with adult during OHC (<i>ns</i>)	Prior behavioural health condition (-)
Vinnerljung and Sallnäs (2008), Sweden	History of maltreatment (-)	Gender (<i>ns</i>) Immigrant background (<i>ns</i>)		Age at placement (<i>ns</i>) Placed for behaviour reasons (<i>ns</i>) Length of placement (<i>ns</i>) Placement breakdown (-)	

Notes: nr=not reported; *ns*=not significant; (-) worse mental health outcome; (+) improved mental health outcome