

## **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
<b>Benedict et al. (1996), USA</b>		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 (-)
<b>Carpenter and Clyman (2004), USA</b>	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 (-)		
<b>Cook-Fong (2000), USA</b>		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 (+)		
<b>Dregan and Gulliford (2012), UK</b>	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> )
<b>Fechter-Leggett and O'Brien (2010), USA</b>	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)

<b>Hjern et al. (2018), Sweden</b>		Year of birth (nr) Gender (nr)	Area of residence (nr) School marks grade 9 (nr) Income (nr) Labour market participation (nr)		
<b>Jackson Foster et al (2011), USA</b>	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> )
<b>Jackson Foster et al. (2015), USA</b>		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 (-)
<b>Vinnerljung and Sallnäs (2008), Sweden</b>	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