Appendix A Information on childhood adversities used and their collection in ALSPAC

Adversity Adversity derived from Respondent Sw Sm Sm Sm Sm Sm Sm Sm	Ages used								
Parental separated/divorced separated/divorced from partner since divorce Partner separated/divorced from partner since xxx Partner separated/divorced from partner since xxx Parents divorced or separated since xxx Parents divorced or separated since xxx Study child Death of close family member Death of a child Death of mother Death of mother Mother's partner Mother's partner Mother's partner Mother's partner									
Parental separated/divorced from partner since xxx Partner separated/divorced from partner since xxx Parents divorced or separated since xxx Parents divorced or separated since xxx Death of close family member Death of a child Death of mother Death of mother Death of mother Mother's partner Mother's partner Mother's partner Mother's partner Mother's partner Mother's partner	22y	23y							
separation or divorce from partner since divorce									
divorce xxx Partner separated/divorced from partner since xxx Mother's partner Parents divorced or separated since xxx Study child S									
Partner separated/divorced from partner since xxxx Parents divorced or separated since xxxx Study child Death of close family member Death of a child Mother's partner Death of mother Mother's partner Mother's partner Mother's partner Mother's partner Mother's partner									
separated/divorced from partner since xxx Parents divorced or separated since xxx Study child Death of close family member Death of a child Mother's partner Death of mother Mother's partner Mother's partner Mother's partner									
from partner since XXX Parents divorced or separated since XXX Study child Death of close family member Death of a child Mother Death of mother Death of mother Mother's partner Mother's partner									
Parents divorced or separated since xxx Study child Death of close family member Death of a child Death of a child Mother Death of mother partner Mother									
Parents divorced or separated since xxx Study child Death of close family member Death of father Mother Death of a child Mother's partner Mother's partner									
or separated since xxxx Study child Death of close family member Death of a child Death of a child Mother Death of mother partner Mother's partner Mother's partner									
Death of close family member Death of a child Mother Death of mother Mother's partner Mother's partner									
Death of close family member Death of a child Death of mother Death of mother Mother's partner Mother's partner									
family member Death of father Mother Death of a child Mother Death of mother D									
member Death of father Mother Death of a child Mother Death of mother partner Mother's partner Mother's partner									
Death of a child Mother's partner Mother's partner Mother's partner									
Death of a child Mother's Death of mother Mother's partner Mother's partner									
Death of mother partner Mother's partner									
Mother's partner									
partner									
Death of a child partner									
Death of a parent Study child Study child									
Death of a sibling Study child									
Mother's partner									
Interparental physically cruel to physical to phys									
violence mother since xxx Mother									
Mother hurt Mother Mother									
partner since xxx									
Mother physically									
cruel to partner Mother's									
since xxx partner Substituting the state of		1							
Mother's partner physically cruel to Mother's									
mother since xxx partner									
Mother been Mother been		1							
physically cruel to									
Physical abuse physically cruer to									

					_	 						
	Mother's partner											1
	been physically cruel to child	Mother										1
	Child physically	Mother										
	hurt by someone	TVIO LITET										J
	Partner been											
	physically cruel to	Mother's										
	child	partner										
	Partner's partner been physically	Mother's										İ
	cruel to child	partner										İ
	Child sexually	partite										
Sexual abuse	abused since xxx	Mother										I
201104140050	Touched in sexual	1/10/1101										
	way by older child											1
	or adult	Study child										į.
	Forced into sexual											
	activity by older	Study child										İ
_	child or adult	_										
	When growing up											
	someone molested child sexually	Study child										
_	Mother been	Study Cilia										
Emotional	emotionally cruel											I
abuse	to child	Mother										I
	Mother's partner											
	been emotionally	Mother										ı
	cruel to child											1
	Partner been	3.5.1										I
	emotionally cruel	Mother's										ı
	to child Partner's partner	partner										
	been emotionally	Mother's										ı
	cruel to child	partner										1
	Mother convicted	Farmer										
Parental	of a crime since											ı İ
convictions	XXX	Mother						_				
	Mother's partner											
	convicted of a	Mother's										ı
	crime since xxx	partner										ı

36.4	Edinburgh											
Mother's mental health	Postnatal											
problems	Depression score >12	Mother										
problems	Suicide attempt											
	since xxx	Mother										
	Mother had											
	schizophrenia	Mother										
	since xxx	Mounci										
	Mother sought											
	help for	Mother										
	depression											
	Mother sought	Mother's										
	help for depression	partner s										
	Mother sought	partitet										
	help for	Mother's										
	schizophrenia	partner										
	Edinburgh	•										
Father's	Postnatal											
mental health	Depression score	Mother's										
problems	>12	partner Mother's										
	Suicide attempt											
	since xxx	partner										
		Mother's										
	Sought Dr for	partner										
	depression	3.6.41.2										
	Sought Dr for	Mother's										
	schizophrenia	partner										
	Mother's partner											
	had schizophrenia											
	since xxx	Mother										
	Suicide attempt	Mother										
	Since XXX					_						
	Mother's partner sought Dr for											
	depression	Mother										
Parental drug	Uses cannabis	1,100101										
use	daily	Mother										

	Uses amphetamines, cocaine, heroin, methadone, ecstasy, other hard drugs since xxx	Mother											
	Uses cannabis	Mother's											
	daily Uses amphetamines, cocaine, heroin, methadone, ecstasy, other hard drugs since xxx	partner Mother's partner											
Parental alcohol problems	Drinks more than 4 units daily	Mother											
	Reported an alcohol problem	Mother											
	Drinks more than 4 units daily	Mother's partner											
	Reported an alcohol problem	Mother's partner											

Appendix B – Comparing different latent class solutions

	5 class solution	4 class solution	3 class solution	2 class solution
% of participants in each	class			
Class 1	6.4	29.2	26.3	26.5
Class 2	15.3	7.1	12.1	73.5
Class 3	5.7	6.9	61.7	
Class 4	54.4	56.8		
Class 5	18.2			
Model fit indices				
BIC	84907.5	84942.7	85046.9	85327.2
SSABIC	84720.0	84793.3	84935.7	85254.1
AIC	84491.2	84611.0	84800.0	85164.9
Log likelihood	-42186.6	-42258.5	-42365.0	-42559.5
Entropy	0.65	0.67	0.64	0.69

Appendix C Associations between gender and poverty with childhood adversities in ALSPAC

	Gender OR (95% CI)	Poverty OR (95% CI)
	Girls vs boys	Poverty vs no poverty
Parental separation	1.06 (0.93, 1.20)	2.63 (2.20, 3.14)
Death of close family member	1.19 (0.79, 1.77)	1.13 (0.48, 2.66)
Inter-parental violence	0.98 (0.83, 1.15)	2.02 (1.61, 2.54)
Physical abuse	0.80 (0.66, 0.96)	1.77 (1.40, 2.24)
Sexual abuse	3.88 (2.41, 6.22)	2.38 (1.62, 3.52)
Emotional abuse	0.92 (0.83, 1.03)	2.00 (1.70, 2.35)
Parental convictions	1.16 (0.97, 1.39)	1.73 (1.22, 2.47)
Mother's mental health problems	1.01 (0.92, 1.12)	2.30 (1.93, 2.74)
Father's mental health problems	1.07 (0.92, 1.24)	1.81 (1.29, 2.55)
Parental drug use	1.02 (0.86, 1.22)	2.26 (1.83, 2.80)
Parental alcohol problems	1.15 (0.96, 1.38)	1.64 (1.27, 2.11)