

<b>AUTHOR</b>	<b>Study Type</b>	<b>Sig.results</b>	<b>N</b>	<b>Reported alongside indep results?</b>
DiLalla	Replication	Y	62	Y
Foley	Replication	Y	514	N
Frazzetto	Replication	Y	82	N
Gibb	Replication	Y	30	N
Kim	Replication	Y	732	Y
Lazary	Replication	Y	567	N
Madrid	Replication	Y	304	N
Nilsson	Replication	Y	81	N
Widom	Replication	Y	180	N
Wilhelm	Replication	Y	127	N
Aguilera	Replication	N	534	Y
Altink	Replication	N	946	N
Becker	Replication	N	305	Y
Brookes	Replication	N	1110	N
Brummett-S1	Replication	N	288	Y
Brummett-S2	Replication	N	142	Y
Chipman-S1	Replication	N	2095	N
Chipman-S2	Replication	N	584	N
Cicchetti	Replication	N	339	Y
Eley	Replication	N	377	Y
Gillespie	Replication	N	1091	N
Haberstick	Replication	N	774	N
Huizinga	Replication	N	277	N
Kaufman-2	Replication	N	196	Y
Laucht-2	Replication	N	309	Y
Laucht-3	Replication	N	309	Y
Neuman	Replication	N	770	Y
Power	Replication	N	1421	N
Propper	Replication	N	206	Y
Reif	Replication	N	184	Y
Sjoberg-1	Replication	N	200	Y
Surtees	Replication	N	4175	N
Young	Replication	N	247	N
Zhang	Replication	N	792	Y
Langley	Replication	N	266	Y
Kim-Cohen	Replication	N	975	Y
Kilpatrick	Replication	N	589	Y
Chorbov	Replication	excluded	NA	NA
Sonuga-Barke	Replication	excluded	NA	NA
Wichers	Replication	excluded	NA	NA
Bradley-S2	Replication	excluded	NA	NA
Cervilla	Replication	excluded	NA	NA
Ducci	Replication	excluded	NA	NA
Jacobs	Replication	excluded	NA	NA
Kaufman-1	Replication	excluded	NA	NA
Kaufman-3	Replication	excluded	NA	NA
Kendler	Replication	excluded	NA	NA

<b>AUTHOR</b>	<b>Study Type</b>	<b>Sig.results</b>	<b>N</b>	<b>Reported alongside indep results?</b>
Polanczyk-S1	Replication	excluded	NA	NA
Polanczyk-S2	Replication	excluded	NA	NA
Prom-Wormley	Replication	excluded	NA	NA
Roy	Replication	excluded	NA	NA
Scheid	Replication	excluded	NA	NA
Sjoberg-2	Replication	excluded	NA	NA
Taylor	Replication	excluded	NA	NA
Zalsman	Replication	excluded	NA	NA
Gunthert	Replication	excluded	NA	NA
Grabe-1	Novel	Y	not analyzed	NA
Henquet	Novel	Y	not analyzed	NA
Bakermans-Kranenburg	Novel	Y	not analyzed	NA
Amstadter	Novel	Y	not analyzed	NA
Aslund	Novel	Y	not analyzed	NA
Bau	Novel	Y	not analyzed	NA
Bet	Novel	Y	not analyzed	NA
Binder	Novel	Y	not analyzed	NA
Blomeyer	Novel	Y	not analyzed	NA
Bradley-S1	Novel	Y	not analyzed	NA
Caspi-1	Novel	Y	not analyzed	NA
Caspi-2	Novel	Y	not analyzed	NA
Caspi-3	Novel	Y	not analyzed	NA
Chotai	Novel	Y	not analyzed	NA
Covault	Novel	Y	not analyzed	NA
Dick	Novel	Y	not analyzed	NA
Fox	Novel	Y	not analyzed	NA
Gervai	Novel	Y	not analyzed	NA
Grabe-2	Novel	Y	not analyzed	NA
Haeffel	Novel	Y	not analyzed	NA
Jokela-1	Novel	Y	not analyzed	NA
Jokela-2	Novel	Y	not analyzed	NA
Jokela-3	Novel	Y	not analyzed	NA
Jokela-4	Novel	Y	not analyzed	NA
Kahn	Novel	Y	not analyzed	NA
Keltikangas-Jarvinen	Novel	Y	not analyzed	NA
Koenen	Novel	Y	not analyzed	NA
Lahti	Novel	Y	not analyzed	NA
Lasky-Su	Novel	Y	not analyzed	NA
Laucht-1	Novel	Y	not analyzed	NA
Nobile-1	Novel	Y	not analyzed	NA
Nobile-2	Novel	Y	not analyzed	NA
Ozkaragoz	Novel	Y	not analyzed	NA
Perroud	Novel	Y	not analyzed	NA
Retz	Novel	Y	not analyzed	NA
Seeger	Novel	Y	not analyzed	NA
Stein	Novel	Y	not analyzed	NA
Stevens	Novel	Y	not analyzed	NA
Sun	Novel	Y	not analyzed	NA

<b>AUTHOR</b>	<b>Study Type</b>	<b>Sig.results</b>	<b>N</b>	<b>Reported alongside indep results?</b>
Todd	Novel	Y	not analyzed	NA
van Winkel	Novel	Y	not analyzed	NA
Vanyukov	Novel	Y	not analyzed	NA
Waldman	Novel	Y	not analyzed	NA
Xu	Novel	Y	not analyzed	NA
Yen	Novel	Y	not analyzed	NA
Gacek	Novel	N	not analyzed	NA
Racine	Novel	N	not analyzed	NA

<b>AUTHOR</b>	<b>Notes regarding classification - explanation given as needed</b>
DiLalla	Replication of Bakermans-Kranenburg (2006)
Foley	Replication of Caspi (2002)
Frazzetto	Replication of Caspi (2002)
Gibb	Replication of Caspi (2003)
Kim	Replication of Caspi (2003)
Lazary	Replication of Caspi (2003)
Madrid	Replication of Bau (2000)
Nilsson	Replication of Caspi (2002)
Widom	Replication of Caspi (2002) among 180 white males (subsample of full sample that most closely resembles original report)
Wilhelm	Replication of Caspi (2003)
Aguilera	Null with respect to Caspi (2003) because the interaction involving the total measure of childhood adversity was not significant. Only 1 of 4 subdimensions of childhood adversity (sexual abuse) was significant in interaction.
Altink	Null with respect to Neuman(2007)
Becker	Null with respect to Kahn (2003) because effect was only found in a subsample (males)
Brookes	Null with respect to Seeger (2004)
Brummett-S1	Null with respect to Caspi (2003); they "found" the Caspi result for females, but the opposite result for males, and report the 3-way interaction
Brummett-S2	Null with respect to Caspi (2003); as per above. This study could be excluded based on the environmental 'stressor' being father's education level
Chipman-S1	Null with respect to Caspi (2003)
Chipman-S2	Null with respect to Caspi (2003)
Cicchetti	Null with respect to Caspi (2003) because significant interaction involves a different genetic model. Furthermore, the effect was only found with a subscale (sexual abuse) of the environmental variable
Eley	Null with respect to Caspi (2003) because effect was only found in a subsample (females)
Gillespie	Null with respect to Caspi (2003)
Haberstick	Null with respect to Caspi (2002)
Huizinga	Null with respect to Caspi (2002)
Kaufman-2	Null with respect to Caspi (2002)
Laucht-2	Null with respect to Caspi (2003) because effect is in opposite direction
Laucht-3	Null with respect to Covault (2007) because effect is in opposite direction. Furthermore, the effect was only found in a subsample (males)
Neuman	Null with respect to Kahn (2003) because the risk allele differed. Original report of 'ADHD ~ DRD4 x Prenatal smoke exposure'*
Power	Null with respect to Caspi (2003)
Propper	Null with respect to Bakermans-Kranenburg (according to authors). The parenting variable is different, but we defer to the authors' judgement. It would also be defensible to classify this study as a novel report with significant findings.
Reif	Null with respect to Caspi (2002)
Sjoberg-1	Null with respect to Caspi (2003) because effect is opposite in males vs. females and is only found with certain sub-constructs of the environmental variable.
Surtees	Null with respect to Caspi (2003)
Young	Null with respect to Caspi (2002)
Zhang	Null with respect to Caspi (2003) because effect is in opposite direction
Langley	Null with respect to Kahn (2003) and also null with respect to Neuman (2007)
Kim-Cohen	Null with respect to Caspi (2002)
Kilpatrick	Null with respect to Caspi (2003). Other significant result is a 3-way interaction
Chorbov	Excluded because sample is females and original report (Caspi, 2003) was both
Sonuga-Barke	Exclude because sample is males and original report (Bakermans-Kranenburg, 2006) was mixed
Wichers	Exclude because sample is males and original report (Caspi, 2003) was mixed
Bradley-S2	Exclude because this 'replication' is within the same (original) paper
Cervilla	Exclude because genetic model is different from Caspi (2003)
Ducci	Excluded because sample is females and original report (Caspi, 2002) was in males only
Jacobs	Excluded because sample is females and original report (Caspi 2003) was in males only. Furthermore, sample contains twins and genetic model is different.
Kaufman-1	Exclude because genetic model is different from Covault (2007)
Kaufman-3	Exclude because genetic model is different from Caspi (2003)
Kendler	Exclude because genetic model is different from Caspi (2003)

<b>AUTHOR</b>	<b>Notes regarding classification - explanation given as needed</b>
Polanczyk-S1	Exclude because insufficient information is provided to determine whether or not findings replicated ALL significant interactions from the original report (Bradley, 2008)
Polanczyk-S2	Exclude because insufficient information is provided to determine whether or not findings replicated ALL significant interactions from the original report (Bradley, 2008)
Prom-Wormley	Excluded because sample is females and original report (Caspi, 2002) was in males only
Roy	Exclude because results not comparable to original report (Caspi 2003) because genetic variable in this study encompasses effects of two polymorphisms whereas the original report only examined one polymorphism (5-HTTLPR)
Scheid	Excluded because sample is females and original report (Caspi, 2003) was mixed
Sjoberg-2	Excluded because sample is females and original report (Caspi, 2002) was in males only
Taylor	Exclude because genetic model is different from Caspi (2003)
Zalsman	Exclude because results cannot be compared to original report because genetic variable in this study encompasses effects of two polymorphisms whereas the original report only examined one polymorphism (5-HTTLPR)
Gunthert	Exclude because genotypes are coded differently from Caspi (2003)
Grabe-1	Novel because phenotype is mental and physical distress instead of depression; therefore it is not a replication attempt of Caspi (2003)
Henquet	Novel because the phenotype is only one symptom (among many) within psychosis; therefore it is not a replication attempt of Caspi (2005)
Bakermans-Kranenburg	Original report of 'CD/ASPD ~ DRD4 x Parenting' and original report of 'Internalizing behavior ~ DRD4 x Parenting'
Amstadter	
Aslund	
Bau	Original report of 'Alcohol ~ DRD2 x STANLE'
Bet	
Binder	
Blomeyer	
Bradley-S1	Original report of 'Depression ~ CRHR1 x STANLE'
Caspi-1	Original report of 'CD/ASPD ~ MAOA x STANLE'
Caspi-2	Original report of 'Psychosis ~ COMT x Cannabis use'
Caspi-3	Original report of 'Depression ~ 5-HTTLPR x STANLE' and 'Suicide-related constructs ~ 5-HTTLPR x STANLE'
Chotai	The models used in this paper do not allow for comparison with other studies - therefore we classify it as novel and do not consider it to be the first study of the 'ADHD ~ DRD4 x Season of birth' interaction
Covault	Original report of 'Alcohol ~ 5-HTTLPR x STANLE'
Dick	
Fox	
Gervai	
Grabe-2	
Haefel	
Jokela-1	
Jokela-2	
Jokela-3	
Jokela-4	
Kahn	Original report of 'ADHD ~ DAT1 x Prenatal smoke exposure'
Keltikangas-Jarvinen	
Koenen	
Lahti	
Lasky-Su	
Laucht-1	
Nobile-1	
Nobile-2	
Ozkaragoz	
Perroud	
Retz	
Seeger	Original report of 'ADHD ~ DRD4 x Season of birth'
Stein	
Stevens	
Sun	

AUTHOR	Notes regarding classification - explanation given as needed
Todd	
van Winkel	
Vanyukov	
Waldman	
Xu	
Yen	
Gacek	
Racine	
	<p>* Neuman is notable because it provides a replication attempt of Kahn (2003) AND it introduces a novel interaction: 'ADHD ~ DRD4 x Prenatal smoke exposure</p>
	<p>STANLE = Stressful, traumatic, adverse, and/or negative life events</p>
	<p>CD/ASPD = conduct disorder/antisocial personality disorder related constructs including violence</p>

AUTHOR	Defensible alternative codings
DiLalla	
Foley	
Frazzetto	
Gibb	
Kim	
Lazary	
Madrid	
Nilsson	
Widom	Alternative coding is a non-replication with a sample of 278
Wilhelm	
Aguilera	Could say it is positive
Altink	
Becker	
Brookes	
Brummett-S1	
Brummett-S2	
Chipman-S1	
Chipman-S2	
Cicchetti	
Eley	
Gillespie	
Haberstick	
Huizinga	
Kaufman-2	
Laucht-2	
Laucht-3	
Neuman	
Power	
Propper	This could be classified as a novel study with significant effect.
Reif	Note, this is a replication attempt with violence as the phenotype (one of Caspi's original outcome measures, in addition to CD and ASPD symptoms). Could say this is not a replication attempt
Sjoberg-1	Consider excluding because results for males and females combined are unclear
Surtees	
Young	
Zhang	
Langley	
Kim-Cohen	Alternative coding is to exclude this study
Kilpatrick	
Chorbov	
Sonuga-Barke	If we were to include it, null with respect to Bakermans-Kranenburg (according to authors?)
Wichers	
Bradley-S2	ALTERNATIVE CODING is to include this as a positive replication
Cervilla	
Ducci	
Jacobs	
Kaufman-1	
Kaufman-3	
Kendler	

AUTHOR	Defensible alternative codings
Polanczyk-S1	
Polanczyk-S2	
Prom-Wormley	
Roy	
Scheid	
Sjoberg-2	
Taylor	
Zalsman	
Gunthert	
Grabe-1	
Henquet	
Bakermans-Kranenburg	
Amstadter	
Aslund	
Bau	
Bet	
Binder	
Blomeyer	
Bradley-S1	
Caspi-1	
Caspi-2	
Caspi-3	
Chotai	
Covault	
Dick	
Fox	
Gervai	
Grabe-2	
Haeffel	
Jokela-1	
Jokela-2	
Jokela-3	
Jokela-4	
Kahn	
Keltikangas-Jarvinen	
Koenen	
Lahti	
Lasky-Su	
Laucht-1	
Nobile-1	
Nobile-2	
Ozkaragoz	
Perroud	
Retz	
Seeger	
Stein	
Stevens	
Sun	



AUTHOR	Defensible alternative codings
Todd	
van Winkel	
Vanyukov	
Waldman	
Xu	
Yen	
Gacek	
Racine	