Joint physical custody (JPC) children better on ALL measures than Sole physical custody (SPC) children 29 STUDIES	Controlled for : Conflict (C) Income ($)	# of Children Physical custody Joint JPC	Sole SPC	Ages	Academic Cognitive development	Depression, anxiety overall satisfaction, self esteem	Peer Behavior Substance use Hyperactivity	health & psycho somatic problems	Parent-child or other Family relationships
Buchanan	C $	51	355 mom 100 dad	13-16	better	Better	Better	better	Better
Brotsky	+	45	10	1-10		Better	Better		
Breivik	C $	41	483						
Barumazadeh	C $	91	328 mom 34 dad	11-12		better			
Bergstrom (2014)	$	129	176	4-18		better	better		
Bjarnason	$	2,206	25,578	11-15		Better life satisfaction			
Bjarnason	$	2,206	25,578	11-15					Better
Carlsund (2013)	$	888	2,019	11-15		Better	Better	better	Better
Carlsund (2012)	$	270	801	11-15			better		Better
Cashmore ^	C $ +	84	473	0-17	better	better	better		
Cashmore ^	C $ +	90	411	0-17		better			
Campana		207	272	10-18		better	Better		
Fabricius (2012)		152	871	college					better
Fabricius (2003)		80	739	college					Better
Fabricius (2007)	C	75	188	college				better	Better
Fabricius (2016)	C $	13	103	0-3				better	Better
Fransson	C $	391	543 mom 111 dad	10-18		Better			
Frank		16	90	college					better

Hagquest	$	17,754	30,400	12-15				better	
Irving	+	108	294	1-11		better			
Jablonska		443	2,920	14-15			better	better	
Janning		5	17	college					Better
Jappens		176	707	10-25					Better with grandparents
Laftman	$	1,573	1,584	15-16		Better		better	Better
Lee	C $	20	39	6-12			Better		
Pearson	C	62	459	9-12		Better	Better		
Shiller	C	20	20				Better		
Wadsby		324	736	17-18		Better			Better
Westphal	C $	1,076	2,767	10-18					Better with grandparents
JPC EQUAL TO SPC ON SOME MEASURES, BETTER ON OTHERS **12 STUDIES**									
Bergstrom (2013)	C	17,350	34,452	12-15	Equal	Better		better	Better
Bergstrom (2015)	C	15,633	29,468	12 & 15	Equal	better		better	
Bastaits (2016)	C	138	238	10-18		Better self esteem Equal life satisfaction			
Cashmore ^	C $ +	26	110	13-17		equal			Better
Fransson	$	497	854	10-18		Equal psychological Better stress	Equal drinking Better smoking Better bullying	better	better
Kaspiew ^	C $	947	3,513		Moms say equal dads say better	Moms say equal Dads say better			
Luepnitz	$	22	30	8-13		Equal			Better
Melli	C	597	595	1-16		Equal		Better	Better
Neoh		27	40	8-15		Equal	Better		
Qu (2010) ^	C $	1,000	4,320	1-17	Moms say equal			better	

				Dads say better				
Qu (2014) ^	C $	720 2,354				equal	equal	
Spruijt	C $	135 400	10-16	Equal	Equal	Equal		Better dad & stepmom
EQUAL OUTCOMES **4 Studies**								
Bastaits (2014)		139 227			equal			
Johnston	C $	28 69	9-15		equal	equal		
Kline	C +	35 65	4-12		equal	Equal		
Pearson	C	9 83	9-12		equal	equal		
JPC WORSE OUTCOMES ON SOME MEASURES, BETTER ON OTHERS **6 Studies**								
Lodge	C	105 398 mom 120 dad	12-18	Equal		better - girls **worse - boys**		Better –parents grandparents & stepparents
Sandler		67 74				**Mixed**		**Mixed**
Sodermans	C $	104 330 mom 70 dad	14-21		**Mixed: depression** Equal: life satisfaction			
Vanassche	C +	395 1,045	12-19		**Girls more depressed** Boys less depressed	**worse-drinking**		Better dad Equal mom
McIntosh ** X	C $	20 ages 2-3 232 60 ages 4-5 870	2-5		**Mixed for toddlers** Equal for preschoolers		Equal to Better all ages	
Tornello X		174 1,880	0-5	Equal	equal	Better social development	equal	**Worse infant attachment** X
				Academic or Cognitive development	**Depression, anxiety Self esteem, life satisfaction**	**Behavior problems Drugs-alcohol**	**Health & psycho - somatic**	**Parent-child relationships**

C	parental conflict was factored in to the statistical analysis of the outcomes
+	researchers specified that very high conflict parents in litigation over custody were in this study
$	family incomes were considered in the statistical analysis of the outcomes
x	data came from measures with no established validity or reliability
**	study was conducted by an individual research team & was not published in peer reviewed journal
*	sample sizes & outcomes varied widely on different measures by age groups.
^	study was conducted by Australian government research institute & not published in peer reviewed journal
Mixed	some JPC children did worse others did better than SPC, depending on child's gender or age

JPC INCOMES LOWER THAN SPC 1 study	Researchers controlled for income	Researchers controlled for conflict or conflict was equal	# of Children Physical custody JPC	SPC	Ages	Grades Cognitive skills	Depression, anxiety, life satisfaction, self esteem	Behavioral problems Substance use	health & psycho somatic problems	Parent-child & other family relationships
ergstrom- 2014	yes		129	176	4-18		better	better		
JPC & SPC EQUAL INCOMES 22 studies										
Cashmore	yes	Yes +	84	473	0-17	better	better	better		
cashmore	yes	Yes +	90	411	0-17		better			
cashmore	yes	Yes +	26	110	13-17		equal			Better
Lodge		Yes	105	398 mom 120 dad	12-18	Equal		better - girls worse - boys		Better –parents, grandparent & stepparents
Neoh	yes		27	40	8-15		Equal	Better		
Irving		+	108	294	1-11		better			
Spruijt	yes	Yes	135	350 mom 50 dad	10-16	Equal	Equal	equal		Better
'arlsund -2012	yes		270	801	11-15			better		Better
arlsund 2013	yes		888	2,019	11-15		Better	Better	better	Better
Brotsky		+	45	10	1-10		Better	Better		
Buchanan	yes	Yes	51	355 mom 100 dad	13-16	better	Better	Better	better	Better
'abricius 2007		Yes	75	188	College				better	Better
'abricius 2016	yes	Yes	13	103	College					Better
Janning			5	17	College					Better
Johnston	yes	Yes	28	58 mom 11 dad	9-15		equal	equal		
Lee		Yes	20	39	6-12			Better		
Luepnitz	yes		22	30	8-13		Equal			Better
Melli		Yes	597	595	1-16		Equal		Better	Better

Pearson		Yes	62 459	9-12		Better	Better		
Pearson		Yes	9 83	9-12		Equal	Equal		
JPC INCOMES HIGHER THAN SPC 12 Studies	**Researchers controlled for income**	**Researchers controlled for conflict or conflict was equal at the outset**							
Kaspiew+ **	yes	Yes	947 3,513	0-17	Equal or better	Equal moms report Better dads report			Better with grandparents
McIntosh	yes	Yes	14-70 14- 634 *	0-5		**mixed X**		Better	
Bastaits 2014		Yes	139 227	10-18		equal			
Bastaits 2016			138 238	10-18		Better self esteem Equal satisfaction			
Sodermans	yes	Yes	104 330 mom 70 dad	14-21		Mixed			
Vanassche		Yes +	395 1,045	12-19		Boys better **Girls worse**	**worse-drinking**		Better
ransson 2016	yes	Yes	391 543 mom 111 dad	10-18		Better			
ansson 2017	yes		497 854	10-18		Equal: psychological Better: stress	Equal: drinking Better: smoking Better: bullying	better	better
Wadsby			324 736	17-18		Better			Better
Kline		Yes +	35 65	4-12		equal	equal		
Qu 2012 ^	yes	yes	1,000 4,324	1-17	Equal to better	Equal to better			
Qu 2014 ^	yes	yes	720 2, 354	4-17			equal	equal	

JPC & SPC INCOMES WERE NOT COMPARED 18 studies	controlled for income	controlled for conflict or conflict was equal at the outset							
Bjarnason	yes		2,206 25,578	11-15		Better satisfaction			
Bjarnason	yes		2,206 25,578	11-15					better
Barumazadeh	Yes	Yes	91 328 mom/34 dad	11-12					better
Jappens			176 707	10-25					Better-grandparents
Breivik	Yes	Yes	41 483	12-16		Better	Better	better	
Bergstrom 2013		Yes	17,350 34,452	12-15	Equal	Better		better	Better
Bergstrom 2015		Yes	15,633 29,468	12 & 15	Equal	better		better	
Jablonska			443 2,920	14-15			better	better	
Campana			207 272	10-18		better	better		
Fabricius 2003			80 739	College					Better
Fabricius 2012			152 871	College					Better
Frank			16 66 mom/12 dad	College					Better
Sandler			67 74				Mixed		Mixed
Shiller		Yes	20 20				Better		
Westphal	Yes	Yes	1,076 2,575 mom 192 dad						Better -grandparents
Hagquest	Yes		17,754 30,400	12-15				better	
Laftman	Yes		1,573 1,584	15-16		Better		better	Better
Tornello			174 1,880	0-5		equal	better	equal	worse (X)
			JPC SPC		**Academic Cognitive**	**Depression, anxiety Self esteem, life satisfaction**	**Behavior problems Drugs-alcohol**	**Health & psycho somatic**	**Father-child bond. attachment**

+ researchers specified that the sample included parents in high conflict or litigating over custody issues
x Some data came from instruments/procedures with no established validity or reliability
* Sample sizes & outcomes varied widely on different measures & for different age groups
^ government report from national data which carries less weight than peer reviewed academic articles
** 3 separate studies over 5 years with same families
Mixed outcomes on some of the measures differed by children's age or gender

5 equal 42 better 4 mixed

Table 2

Were children's outcomes better, worse or equal in joint physical custody than sole physical custody after controlling for parental conflict?

Lead Researcher	Number of Children Joint	Sole	Ages	country	Grades Cognitive skills Graduate high school	Depressed Anxious Dissatisfied Low self esteem	Aggression Drugs- alcohol Misbehavior Hyperactive	Physical health & Stress illnesses	father-child relationship
Barumandzadah	91	328 mom 34 dad	11-12	France		better			
Buchanan	51	355 mom 100 dad	13-16	US	better	Better	Better	better	Better
^ Cashmore	84	473	0-17	Australia	better	better	better		
^ Cashmore	90	411	0-17	Australia		better	better		
^ Cashmore	26	110	13-17	Australia		equal			better
Fabricius	75	188	college	US				better	Better
Fabricius	13	103	college	US				better	better
Fransson	391	654		Sweden		better			
^ Kaspiew	947	3,513	0-17	Australia	dads said better moms said equal	Dads said better moms said equal			
Johnston	35	65	4-12	US		equal	equal		
Lee	20	39	6-12	US			Better		
Lodge	105	398	12-18	Australia	Equal		Equal		Better
^ McIntosh	15-71	589-1161 *	2-5	Australia		equal	Mixed X	better	
Melli	597	595	1-16	US		Equal		Better	Better
Shiller	20	20		US			better		
Spruijt	135	250	10-16	Netherlands	Equal				
Vanassche	395	1,045	12-19	Netherlands		Boys better Girls worse			better

x researchers used measures with no established validity or reliability
^ government commissioned report not subjected to blind peer review
* samples sizes varied widely for the six measures and child's age