Data Supplement for Wakschlag et al., The Neurodevelopmental Basis of Early Childhood Disruptive Behavior: Irritable and Callous Phenotypes as Exemplars. Am J Psychiatry (doi: 10.1176/appi.ajp.2017.17010045)

Table S1: The Normal:Abnormal Spectrum of Irritable Behavior In Early Childhood in the MAPS Community Samples

In a typical week over the past month, how often did child....

	NEVEI PAST M		YES IN PAST MONTH								Occurs Normatively (Most Children Do->50%)	Abnormal Frequency Threshold (<5% endorse)
	I AOI MONIII		•			-3 days 4-6 days			Dail	v or>	DO-230 78)	(<3 % endorse)
	C ¹	R^2	C R		C R		C R		Daily or>			
	Ü	.`	· ·		· ·		C		J	, ,		
Milder, Commonly Occurring Behaviors												
1. Have a tantrum	44.5	44.3	34.0	31.9	13.3	15.4	3.8	4.4	4.4	4.1	Yes	Daily
2. Have a tantrum when frustrated, angry, upset	39.2	37.5	38.2	35.0	14.4	17.7	4.4	5.6	3.9	4.2	Yes	Daily
3. Have a tantrum to get something s/he wanted	41.1	39.5	35.8	33.1	14.5	17.4	4.5	5.2	4.0	4.9	Yes	Daily
4. Have a tantrum when tired, hungry, sick	40.1	38.8	34.8	33.1	16.9	18.0	4.6	6.1	3.6	4.0	Yes	Daily
5. Have a tantrum with parent	44.5	46.6	34.9	31.2	13.4	14.1	3.6	4.5	3.6	3.6	Yes	Daily
6. Have a tantrum during daily routines	41.6	39.9	33.9	34.8	16.9	16.7	3.2	4.5	4.4	4.1	Yes	Most Days
7. Become frustrated easily	34.8	32.8	36.2	34.7	18.8	20.3	5.2	5.5	5.0	6.8	Yes	Most Days
8. Have a "short fuse"	48.2	44.0	31.3	31.2	12.7	15.1	3.9	4.7	3.9	5.0	Yes	Most Days
9. Yell angrily at someone	37.3	35.0	38.6	37.5	15.9	17.8	4.3	5.0	3.8	4.6	Yes	Most Days
10. Have difficulty calming down when angry	47.3	45.2	33.1	32.1	12.8	14.8	3.6	3.7	3.3	4.2	Yes	Most Days

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Table S1: The Normal:Abnormal Spectrum of Irritable Behavior In Early Childhood in the MAPS Community Samples

In a typical week over the past month, how often did child....

	NEVE PAST M		YES IN PAST MONTH < weekly 1-3 days 4-6 days Daily or>								Occurs Normatively (Most Children Do->50%)	Abnormal Frequency Threshold (<5% endorse)
	C ¹	R^2	С	R	C R		C R		C R			
Uncommon,												
Severe Behaviors												
11. Act Irritable	42.5	42.0	36.3	35.0	14.9	16.4	3.6	3.5	2.8	3.1	Yes	Most Days
12. Stamp feet or hold breath during a tantrum	54.5	49.8	26.3	26.7	12.1	14.6	3.8	4.9	3.3	4.2	No	Most Days
13. Have tantrums >5 min.	58.8	56.3	27.2	30.3	10.0	8.8	1.7	2.3	2.3	2.4	No	Most Days
14. Have a tantrum unresponsive to support	66.3	63.7	23.2	24.6	6.4	7.7	1.6	1.8	2.4	2.2	No	Most Days
15. Break or destroy things during a tantrum	71.7	73.3	19.0	18.3	5.4	5.6	1.5	1.4	2.4	1.4	No	Most Days
16. Have an explosive temper	67.0	64.6	21.4	22.7	6.3	6.8	2.3	2.8	3.0	3.1	No	Most Days
17. Get extremely angry	62.5	61.5	24.5	25.6	8.0	8.2	2.0	2.6	3.0	2.1	No	Most Days
18. Have tantrums until exhausted	74.2	74.2	16.7	16.8	5.4	5.4	1.5	1.3	2.1	2.2	No	Weekly
19. Hit, bite, kick during a tantrum	76.5	76.9	15.3	14.6	4.3	5.3	2.1	1.3	1.8	1.8	No	Weekly
20. Have a tantrum "out of the blue"	73.7	73.3	18.0	17.8	5.2	6.1	1.2	1.0	1.9	1.8	No	Weekly
21. Have a tantrum with non-parental adults	63.8	62.8	26.2	25.5	6.7	7.7	1.3	1.9	1.9	2.1	No	Weekly
22. Stay angry for a long time	69.2	70.3	24.3	22.2	4.0	4.8	1.1	1.2	1.4	1.6	No	Weekly

¹C=Preschool Calibration Sample N=1,490; ²R=Preschool Replication Sample N=1,857

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Table S2: The Normal:Abnormal Spectrum of Low Concern for Others in Early Childhood in the MAPS Community Samples

In a typical week over the past month, how often did child....

	NEVER MOI	IN PAST			Occurs Normatively (Most Children Do->50%)	Abnormal Frequency Threshold (<5% endorse)						
	,		< we	days	IN PAST MONTH ays 4-6 days			or>		,,		
	C¹	R ²	С	R	С	R	С	R	C C	R		
Not care about other's feelings when frustrated, angry, or upset	68.8	69.9	23.6	21.4	4.7	5.7	1.1	1.5	1.8	1.6	No	Weekly
2. Not seem to care about parents' feelings	75.2	75.5	18.1	17.8	4.3	3.8	0.9	1.2	1.5	1.7	No	Weekly
3. Keep on doing something that was scaring or upsetting someone	64.7	63.6	23.6	24.6	8.2	7.8	1.7	1.9	1.8	2.2	No	Weekly
4. Not seem to care about other adults' feelings	76.3	77.0	17.6	17.2	4.2	3.2	0.3	1.1	1.5	1.5	No	Weekly
5. Act like s/he did not care when someone was mad or upset	74.9	74.9	18.5	19.6	4.6	3.4	0.7	0.8	1.1	1.3	No	Weekly
6. Act like s/he did not care about pleasing other people	69.9	72.2	24.3	19.8	3.0	5.4	1.3	1.4	1,4	1.2	No	Weekly
7. Enjoy making others mad	80.5	80.4	13.6	13.7	4.0	3.6	0.9	0.8	0.9	1.5	No	Weekly
8. Do things to humiliate or embarrass others	87.3	87.0	8.5	8.9	2.6	2.4	0.4	0.7	1.1	1.0	No	Weekly
9. Act like s/he did not care when someone felt bad or sad	80.3	80.2	15.7	15.5	2.8	2.6	0.6	0.6	0.6	1.0	No	Weekly

¹C=Preschool Calibration Sample N=1,490; ²R=Preschool Replication Sample N=1,857