

Supplementary Table 1. Adjusted^a effects on work outcomes (independently adjusted variables only)

Measure of caregiver burden: (A) Have you had to alter your employment due to your child's ADHD?^b

1. Yes - quit job; 2. Yes - changed job or shift/cut hours; 3. No (ref)

Key independent variable	Independently adjusted effects		
	OR	95% CI	P-value
Number of comorbidity classes (ref=none)			<0.001
1	2.01	(1.61, 2.49)	<0.001
2	2.52	(1.90, 3.34)	<0.001
3+	4.35	(3.22, 5.89)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.88	(1.44, 2.46)	<0.001
CD, ODD	1.72	(1.34, 2.21)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	1.48	(1.18, 1.86)	<0.001
Bipolar disorder, depression	1.34	(0.94, 1.90)	0.101
Anxiety	1.80	(1.36, 2.36)	<0.001
Sleep disorder	1.18	(0.86, 1.62)	0.303
ADHD severity proxy (unit=6.2°)			<0.001
Yes – quit job	1.44	(1.30, 1.60)	<0.001
Yes – changed job or shift/cut hours	1.11	(1.06, 1.16)	<0.001
ADHD subtype proxy (ref=inattention)			0.006
Unclassified			
Yes – quit job	0.54	(0.25, 1.16)	0.113
Yes – changed job or shift/cut hours	1.05	(0.78, 1.41)	0.765
Hyperactivity/impulsivity			
Yes – quit job	1.10	(0.43, 2.84)	0.843
Yes – changed job or shift/cut hours	1.31	(0.82, 2.09)	0.267
Combined			
Yes – quit job	2.09	(1.24, 3.52)	0.006
Yes – changed job or shift/cut hours	1.48	(1.14, 1.92)	0.004

Adherent to medication ^d (ref=non-adherent)			<0.001
Yes – quit job	1.10	(0.69, 1.76)	0.683
Yes – changed job or shift/cut hours	0.62	(0.49, 0.78)	<0.001

Measure of caregiver burden: (B) Number of missed work hours in past 4 weeks^{e,f}

Key independent variable	Independently adjusted effects		
	Slope	95% CI	P-value
Number of comorbidity classes (ref=none)			<0.001
1	1.90	(0.94, 2.86)	<0.001
2	1.66	(0.33, 2.99)	0.015
3+	3.48	(2.02, 4.94)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	2.15	(0.86, 3.43)	0.001
CD, ODD	1.56	(0.36, 2.75)	0.011
Learning difficulties, motor-coordination disorder, speech/language disorder	0.27	(-0.82, 1.37)	0.623
Bipolar disorder, depression	-0.92	(-2.60, 0.75)	0.281
Anxiety	1.92	(0.59, 3.26)	0.005
Sleep disorder	0.30	(-1.25, 1.86)	0.702
ADHD severity proxy (unit=6.2 ^c)	0.23	(0.02, 0.45)	0.036
ADHD subtype proxy (ref=inattention)			0.007
Unclassified	1.01	(-0.23, 2.25)	0.110
Hyperactivity/impulsivity	2.33	(0.27, 4.39)	0.027
Combined	1.86	(0.74, 2.98)	0.001
Adherent to medication ^g (ref=non-adherent)	-1.66	(-2.74, -0.58)	0.003

Notes: ^aControlled for country, age, sex, ADHD in family status (parents/siblings/other family/none), caregiver relationship, caregiver number of children, caregiver responsibility, caregiver marital status, caregiver work status (excluded in Model B for work hours lost), caregiver education level; ^bData were fitted using proportional-odds multiple-regression models. If the proportional odds assumption fails, ORs are calculated and presented for all levels of the outcome compared with the reference; if the assumption does not fail, a single OR is calculated and presented for that variable; ^cUsing the half SD method for clinically significant difference. SD is 12.4=6.2 units; ^dn=2034 due to missing adherence values; ^eData were fitted using ordinary least-squares multiple regression; ^fn=1799 due to missing values for unemployed respondents; ^gn=1543 due to missing adherence values and missing values for unemployed respondents.

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; c, c-statistic; CD, conduct disorder; CI, confidence interval; ODD, oppositional defiant disorder; OR, odds ratio; R², coefficient of determination; ref, reference; SD, standard deviation.

Supplementary Table 2. Adjusted^a effects on social life outcomes (independently adjusted variables only)

Measure of caregiver burden: (A) Over the past 6 months, how often did you plan your day around your child? 1. Almost all the time (90%+)/most of the time (75%); 2. Some of the time (50%); 3. A little of the time (25%); 4. Never (ref)

Key independent variable	Independently adjusted effects		
	OR	95% CI	P-value
Number of comorbidity classes (ref=none)			<0.001
1	1.57	(1.31, 1.87)	<0.001
2	1.99	(1.57, 2.54)	<0.001
3+	3.27	(2.51, 4.28)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.57	(1.24, 2.00)	<0.001
CD, ODD	2.12	(1.70, 2.64)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	1.33	(1.09, 1.62)	0.005
Bipolar disorder, depression	1.34	(0.98, 1.83)	0.066
Anxiety			
Almost all the time (90%+)/most of the time (75%)	0.95	(0.71, 1.27)	0.749
Some of the time (50%)	1.36	(1.02, 1.80)	0.036
A little of the time (25%)	1.41	(0.89, 2.24)	0.142
Sleep disorder	1.32	(1.00, 1.75)	0.052
ADHD severity proxy (unit=6.2 ^b)	1.28	(1.23, 1.34)	<0.001
ADHD subtype proxy (ref=inattention)			<0.001
Unclassified	0.71	(0.56, 0.90)	0.005
Hyperactivity/impulsivity	0.80	(0.55, 1.17)	0.252
Combined	1.56	(1.27, 1.92)	<0.001
Adherent to medication ^c (ref=non-adherent)	1.07	(0.88, 1.29)	0.519

Measure of caregiver burden: (B) Over the past 6 months, how often did you avoid social activities when with your child? 1. Almost all the time (90%+)/most of the time (75%); 2. Some of the time (50%); 3. A little of the time (25%); 4. Never (ref)

Key independent variable	Independently adjusted effects		
	OR	95% CI	P-value
Number of comorbidity classes (ref=none)			<0.001
1	1.28	(1.06, 1.54)	0.009

2	1.60	(1.25, 2.05)	<0.001
3+	2.57	(1.97, 3.36)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.68	(1.32, 2.13)	<0.001
CD, ODD			
Almost all the time (90%+)/most of the time (75%)	1.87	(1.37, 2.54)	<0.001
Some of the time (50%)	1.36	(1.06, 1.76)	0.018
A little of the time (25%)	1.62	(1.25, 2.09)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	1.00	(0.82, 1.23)	0.984
Bipolar disorder, depression	1.36	(1.00, 1.86)	0.053
Anxiety	1.25	(0.98, 1.59)	0.075
Sleep disorder	1.10	(0.83, 1.45)	0.515
ADHD severity proxy (unit=6.2 ^b)	1.10	(1.05, 1.14)	<0.001
ADHD subtype proxy (ref=inattention)			<0.001
Unclassified	1.57	(1.22, 2.01)	<0.001
Hyperactivity/impulsivity	1.31	(0.87, 1.97)	0.195
Combined	1.72	(1.38, 2.15)	<0.001
Adherent to medication ^c (ref=non-adherent)	0.62	(0.51, 0.75)	<0.001

Measure of caregiver burden: (C) Over the past 6 months, how often did you worry about other people's perceptions of you as a parent? 1. Almost all the time (90%+)/most of the time (75%); 2. Some of the time (50%); 3. A little of the time (25%); 4. Never (ref)

	Independently adjusted effects		
	OR	95% CI	P-value
Number of comorbidity classes (ref=none)			0.018
1			
Almost all the time (90%+)/most of the time (75%)	0.96	(0.74, 1.24)	0.731
Some of the time (50%)	1.13	(0.91, 1.39)	0.270
A little of the time (25%)	1.02	(0.83, 1.26)	0.840
2			
Almost all the time (90%+)/most of the time (75%)	1.29	(0.94, 1.78)	0.114
Some of the time (50%)	1.21	(0.91, 1.61)	0.185
A little of the time (25%)	1.17	(0.87, 1.58)	0.294

3+			
Almost all the time (90%+)/most of the time (75%)	1.61	(1.15, 2.26)	0.006
Some of the time (50%)	2.71	(1.99, 3.70)	<0.001
A little of the time (25%)	2.37	(1.66, 3.39)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.34	(1.06, 1.70)	0.014
CD, ODD	1.44	(1.16, 1.79)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	0.90	(0.74, 1.11)	0.325
Bipolar disorder, depression			
Almost all the time (90%+)/most of the time (75%)	0.95	(0.63, 1.42)	0.797
Some of the time (50%)	1.50	(1.05, 2.14)	0.026
A little of the time (25%)	2.02	(1.31, 3.10)	0.001
Anxiety	1.18	(0.92, 1.51)	0.194
Sleep disorder			
Almost all the time (90%+)/most of the time (75%)	1.18	(0.83, 1.69)	0.353
Some of the time (50%)	1.47	(1.07, 2.02)	0.017
A little of the time (25%)	0.92	(0.66, 1.29)	0.630
ADHD severity proxy (unit=6.2 ^b)	1.10	(1.05, 1.14)	<0.001
ADHD subtype proxy (ref=inattention)			
Unclassified	1.21	(0.95, 1.54)	0.125
Hyperactivity/impulsivity	1.43	(0.97, 2.10)	0.070
Combined	1.42	(1.15, 1.76)	0.001
Adherent to medication ^c (ref=non-adherent)	0.75	(0.62, 0.91)	0.003

Notes: Data were fitted using proportional-odds multiple-regression models. If the proportional odds assumption fails, ORs are calculated and presented for all levels of the outcome compared with the reference; if the assumption does not fail, a single OR is calculated and presented for that variable.

^aControlled for country, age, sex, ADHD in family status (parents/siblings/other family/none), caregiver relationship, caregiver number of children, caregiver responsibility, caregiver marital status, caregiver work status, caregiver education level; ^bUsing the half SD method for clinically significant difference. SD is 12.4=6.2 units; ^cn=2034 due to missing adherence values.

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; c, c-statistic; CD, conduct disorder; CI, confidence interval; ODD, oppositional defiant disorder; OR, odds ratio; ref, reference; SD, standard deviation.

Supplementary Table 3. Adjusted^a effects on family life outcomes (independently adjusted variables only)

Measure of caregiver burden: (A) Over the past 6 months, how much strain did your child's ADHD put on your relationship with your partner?

1. A tremendous amount/a lot of strain; 2. A moderate amount of strain; 3. A little strain; 4. No strain (ref)

Key independent variable	Independently adjusted effects		
	OR	95% CI	P-value
Number of comorbidity classes (ref=none)			<0.001
1	1.35	(1.12, 1.64)	0.002
2	1.93	(1.49, 2.50)	<0.001
3+	1.95	(1.46, 2.59)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.62	(1.26, 2.08)	<0.001
CD, ODD	1.67	(1.32, 2.10)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	0.96	(0.78, 1.19)	0.719
Bipolar disorder, depression			
A tremendous amount/a lot of strain	0.96	(0.61, 1.52)	0.856
A moderate amount of strain	1.68	(1.16, 2.45)	0.007
A little strain	1.32	(0.82, 2.12)	0.260
Anxiety	1.10	(0.85, 1.43)	0.469
Sleep disorder	1.09	(0.80, 1.48)	0.595
ADHD severity proxy (unit=6.2 ^b)	1.16	(1.11, 1.21)	<0.001
ADHD subtype proxy (ref=inattention)			0.017
Unclassified			
A tremendous amount/a lot of strain	1.04	(0.69, 1.55)	0.864
A moderate amount of strain	1.07	(0.80, 1.42)	0.667
A little strain	0.65	(0.48, 0.88)	0.006
Hyperactivity/impulsivity			
A tremendous amount/a lot of strain	1.40	(0.74, 2.64)	0.297
A moderate amount of strain	1.33	(0.83, 2.12)	0.238
A little strain	1.04	(0.62, 1.75)	0.875
Combined			
A tremendous amount/a lot of strain	1.53	(1.08, 2.19)	0.018

A moderate amount of strain	1.37	(1.06, 1.78)	0.016
A little strain	1.27	(0.96, 1.69)	0.095
Adherent to medication ^c (ref=non-adherent)	0.97	(0.79, 1.19)	0.756

Measure of caregiver burden: (B) Over the past 6 months, how much strain did your child's ADHD put on your relationship with your other children?

1. A tremendous amount/a lot of strain; 2. A moderate amount of strain; 3. A little strain; 4. No strain (ref)

Key independent variable	Independently adjusted effects		
	OR	95% CI	p-value
Number of comorbidity classes (ref=none)			<0.001
1	1.15	(0.94, 1.39)	0.171
2	1.55	(1.19, 2.02)	0.001
3+	1.87	(1.41, 2.50)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.42	(1.10, 1.83)	0.007
CD, ODD	1.52	(1.20, 1.93)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	0.90	(0.72, 1.11)	0.316
Bipolar disorder, depression	1.16	(0.83, 1.62)	0.381
Anxiety	1.38	(1.07, 1.80)	0.015
Sleep disorder	1.03	(0.76, 1.38)	0.855
ADHD severity proxy (unit=6.2 ^b)	1.13	(1.08, 1.18)	<0.001
ADHD subtype proxy (ref=inattention)			0.002
Unclassified	1.13	(0.88, 1.46)	0.336
Hyperactivity/impulsivity	1.01	(0.67, 1.53)	0.958
Combined	1.47	(1.18, 1.85)	<0.001
Adherent to medication ^d (ref=non-adherent)	0.82	(0.66, 1.01)	0.057

Notes: Data were fitted using proportional-odds multiple-regression models. If the proportional odds assumption fails, ORs are calculated and presented for all levels of the outcome compared with the reference; if the assumption does not fail, a single OR is calculated and presented for that variable.

^aControlled for country, age, sex, ADHD in family status (parents/siblings/other family/none), caregiver relationship, caregiver number of children, caregiver responsibility, caregiver marital status, caregiver work status, caregiver education level; ^bUsing the half SD method for clinically significant difference. SD is 12.4=6.2 units; ^cn=1802 for respondents without partners and due to missing adherence values; ^dn=1756 for respondents without other children and due to missing adherence values.

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; c, c-statistic; CD, conduct disorder; CI, confidence interval; ODD, oppositional defiant disorder; OR, odds ratio; ref, reference; SD, standard deviation.

Supplementary Table 4. Adjusted^a effects on worry/stress outcomes (showing mutually adjusted variables only)

Measure of caregiver burden: (A) How much time did you spend worrying or stressing about your child? 1. Almost all the time (90%+)/most of the time (75%); 2. Some of the time (50%); 3. A little of the time (25%); 4. Never (ref)

Key independent variable	Independently adjusted effects		
	OR	95% CI	P-value
Number of comorbidity classes (ref=none)			<0.001
1	1.57	(1.31, 1.87)	<0.001
2	1.92	(1.51, 2.46)	<0.001
3+	2.70	(2.06, 3.54)	<0.001
Comorbidity classes			
Autism, Asperger syndrome	1.51	(1.19, 1.92)	<0.001
CD, ODD	1.80	(1.44, 2.24)	<0.001
Learning difficulties, motor-coordination disorder, speech/language disorder	1.19	(0.98, 1.45)	0.086
Bipolar disorder, depression	1.15	(0.84, 1.58)	0.380
Anxiety	1.24	(0.97, 1.59)	0.088
Sleep disorder	1.48	(1.11, 1.96)	0.007
ADHD severity proxy (unit=6.2 ^b)	1.29	(1.23, 1.36)	<0.001
ADHD subtype proxy (ref=inattention)			0.029
Unclassified			
Almost all the time (90%+)/most of the time (75%)	0.59	(0.43, 0.80)	<0.001
Some of the time (50%)	0.66	(0.51, 0.85)	0.002
A little of the time (25%)	0.43	(0.29, 0.65)	<0.001
Hyperactivity/impulsivity			
Almost all the time (90%+)/most of the time (75%)	0.97	(0.59, 1.58)	0.893
Some of the time (50%)	1.00	(0.65, 1.54)	0.998
A little of the time (25%)	0.94	(0.46, 1.91)	0.853
Combined			
Almost all the time (90%+)/most of the time (75%)	1.46	(1.12, 1.89)	0.004
Some of the time (50%)	1.21	(0.96, 1.53)	0.107
A little of the time (25%)	1.12	(0.75, 1.67)	0.576
Adherent to medication ^c (ref=non-adherent)	1.21	(1.00, 1.47)	0.051

Notes: Data were fitted using proportional-odds multiple-regression models. If the proportional odds assumption fails, ORs are calculated and presented for all levels of the outcome compared with the reference; if the assumption does not fail, a single OR is calculated and presented for that variable.

^aControlled for country, age, sex, ADHD in family status (parents/siblings/other family/none), caregiver relationship, caregiver number of children, caregiver responsibility, caregiver marital status, caregiver work status, caregiver education level; ^bUsing the half SD method for clinically significant difference. SD is 12.4=6.2 units; ^cn=2034 due to missing adherence values.

Abbreviations: ADHD, attention-deficit/hyperactivity disorder; c, c-statistic; CD, conduct disorder; CI, confidence interval; ODD, oppositional defiant disorder; OR, odds ratio; ref, reference; SD, standard deviation.