

Selecting, implementing and evaluating a
portfolio of evidence-based prevention
programmes in Birmingham, England

European Society for Prevention Research
Conference
8-9th December 2011

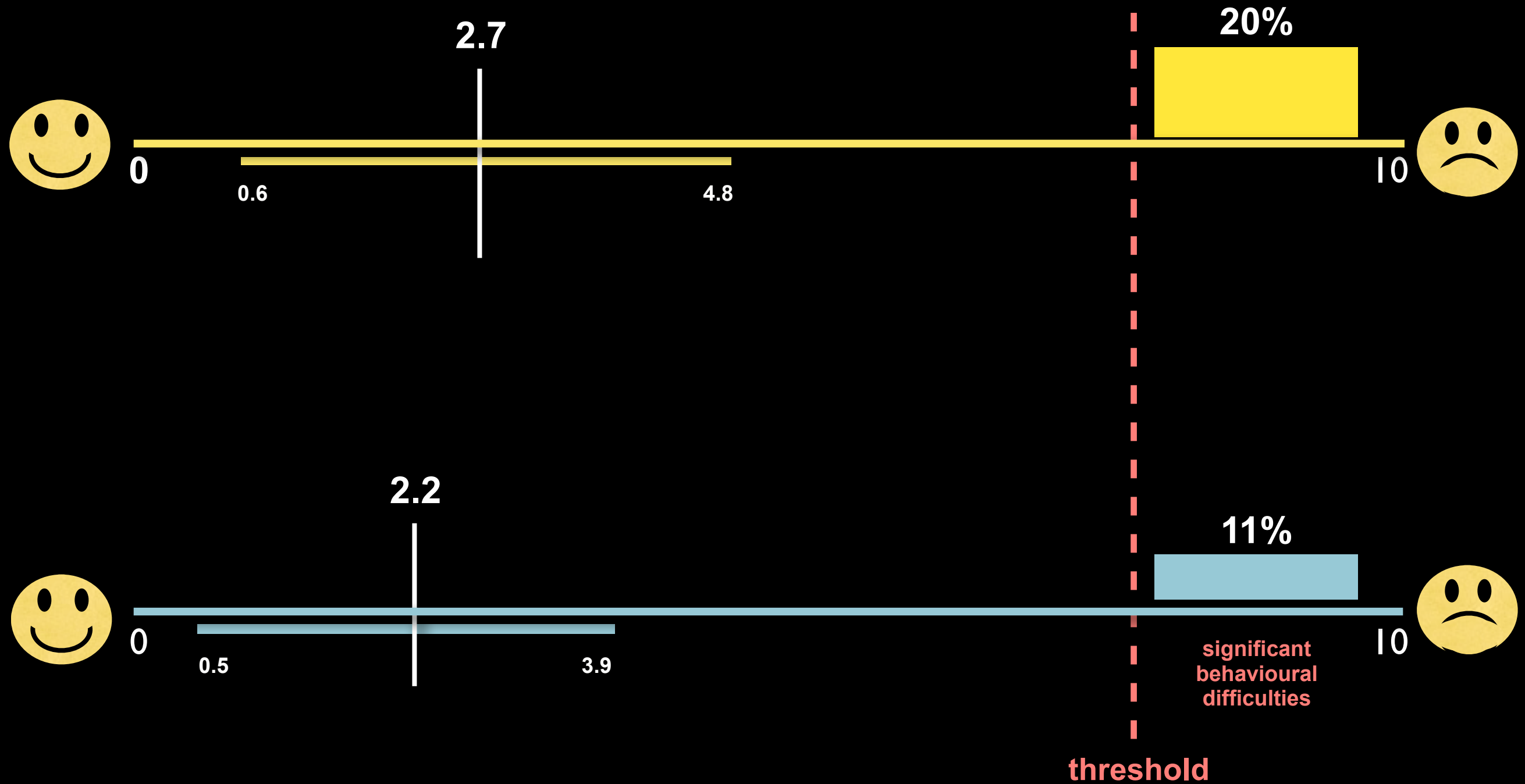
Louise Morpeth
Social Research Unit





- 1 million people
- 260,000 children (180,000 in school)
 - 30% with heritage other than white european
 - 30% single parents
 - 60,000 children receiving free school meals
- 299 Primary Schools
- 72 Secondary Schools
- 2,200 children in care
- 60,000 professionals working with children and families
- Total expenditure in excess of €1.5b

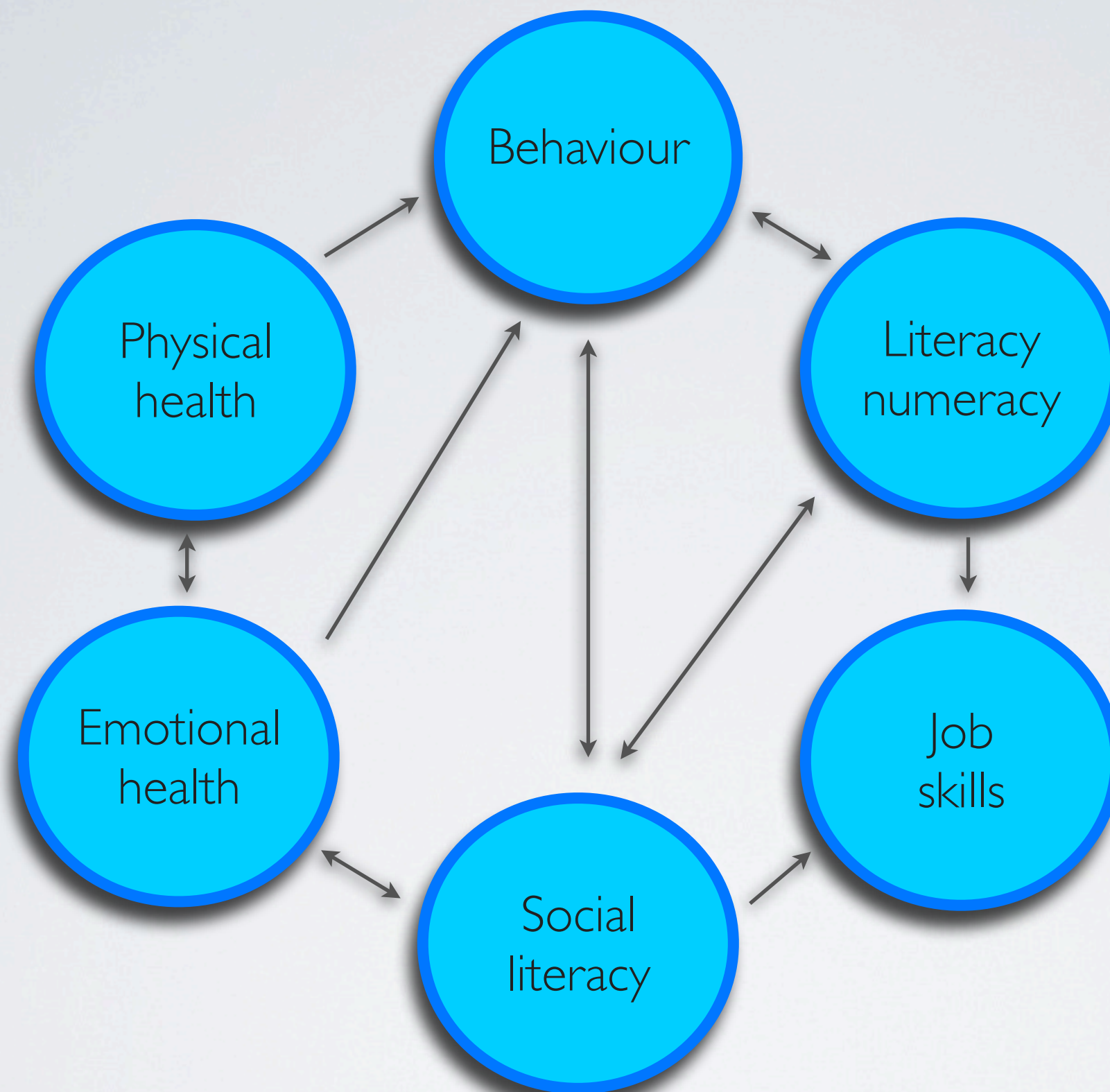
Birmingham



n = 9,451
all (7-18 yrs)
Britain (11-15 yrs)

SDQ

behaviour **conduct**



Outcomes

Brighter Futures

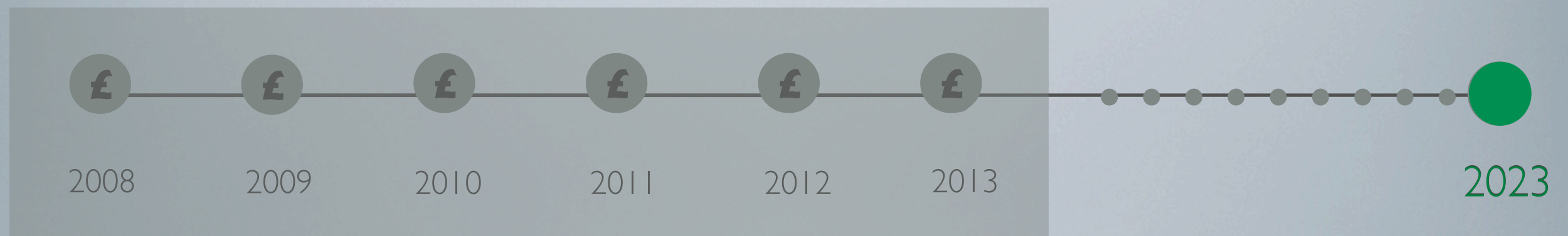
The hypothesis

Investing more in evidence based early intervention and prevention activities will, over time, lead to a decline in the need for expensive, reactive remedial services





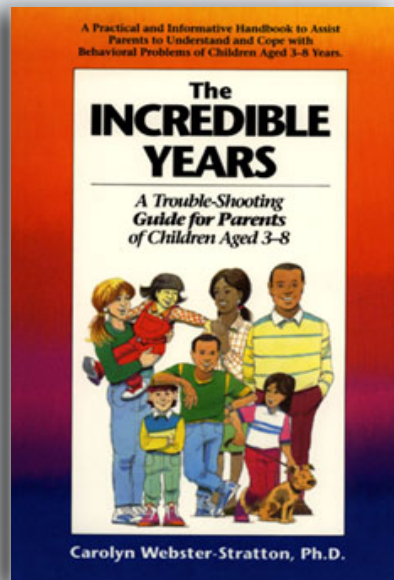
www.wsipp.org



£ 41.7m

£ 101m

Transformation through prevention



Incredible
Years



Triple P



Nurse
Family
Partnership



PATHS
Promoting
Alternative
Thinking
Strategies

Programmes



Incredible Years (162)

- 3–4 yrs
- 2:1 randomisation
- unit = parent–child
- stratified by age & sex
- 9 Children Centres, 3 data collection points



Triple P (144)

- 4–8 year-olds
- 1:1 randomisation
- unit = parent–child
- stratified by age & sex
- 6 areas, 3 data collection points

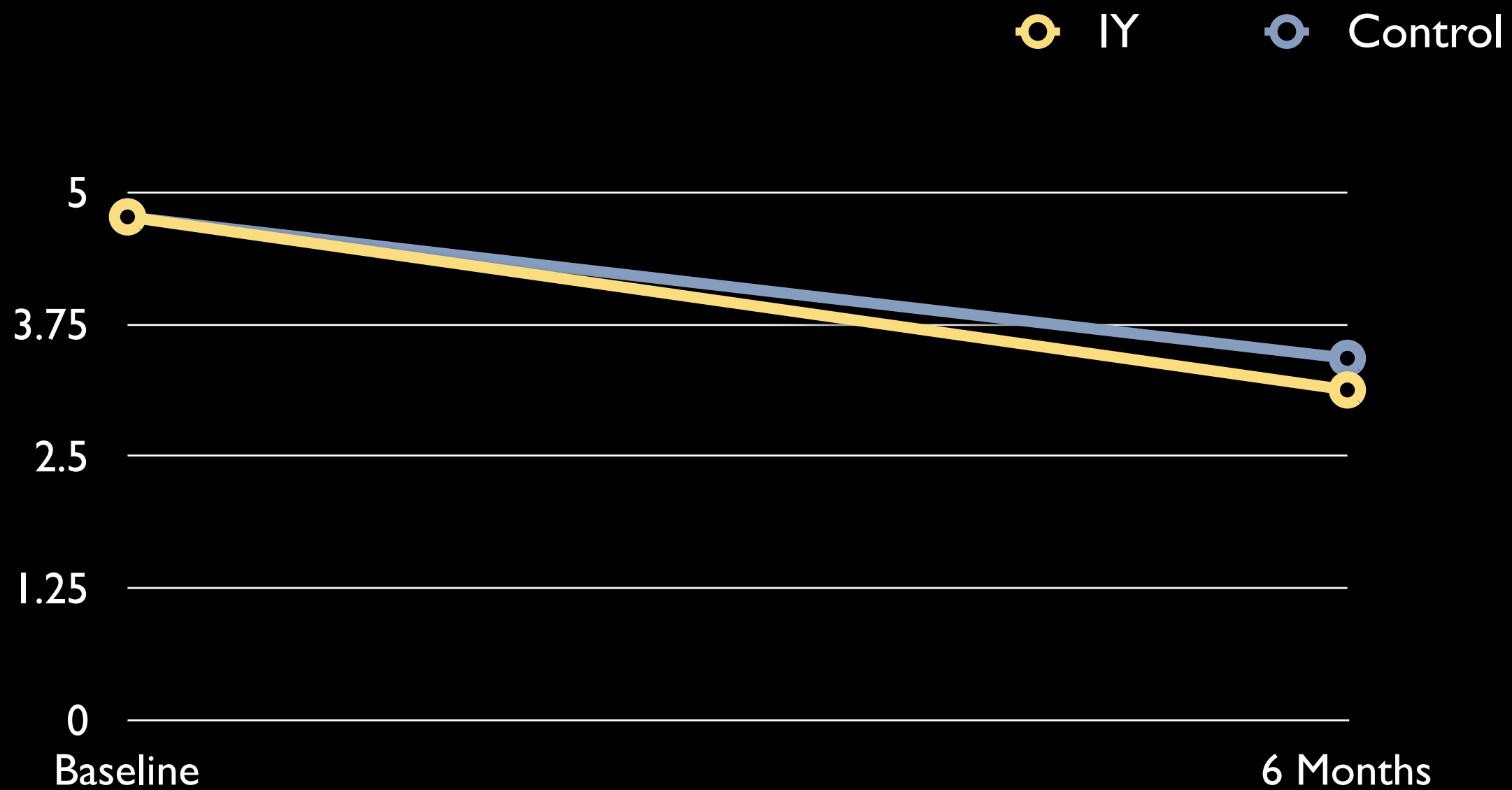


PATHS (60 schools)

- cluster randomised trial
- stratified by size & % FSM
- 1:1, Reception & Year 1 classes
- 3 data main collection points
(Oct – June 2010, June 2011)

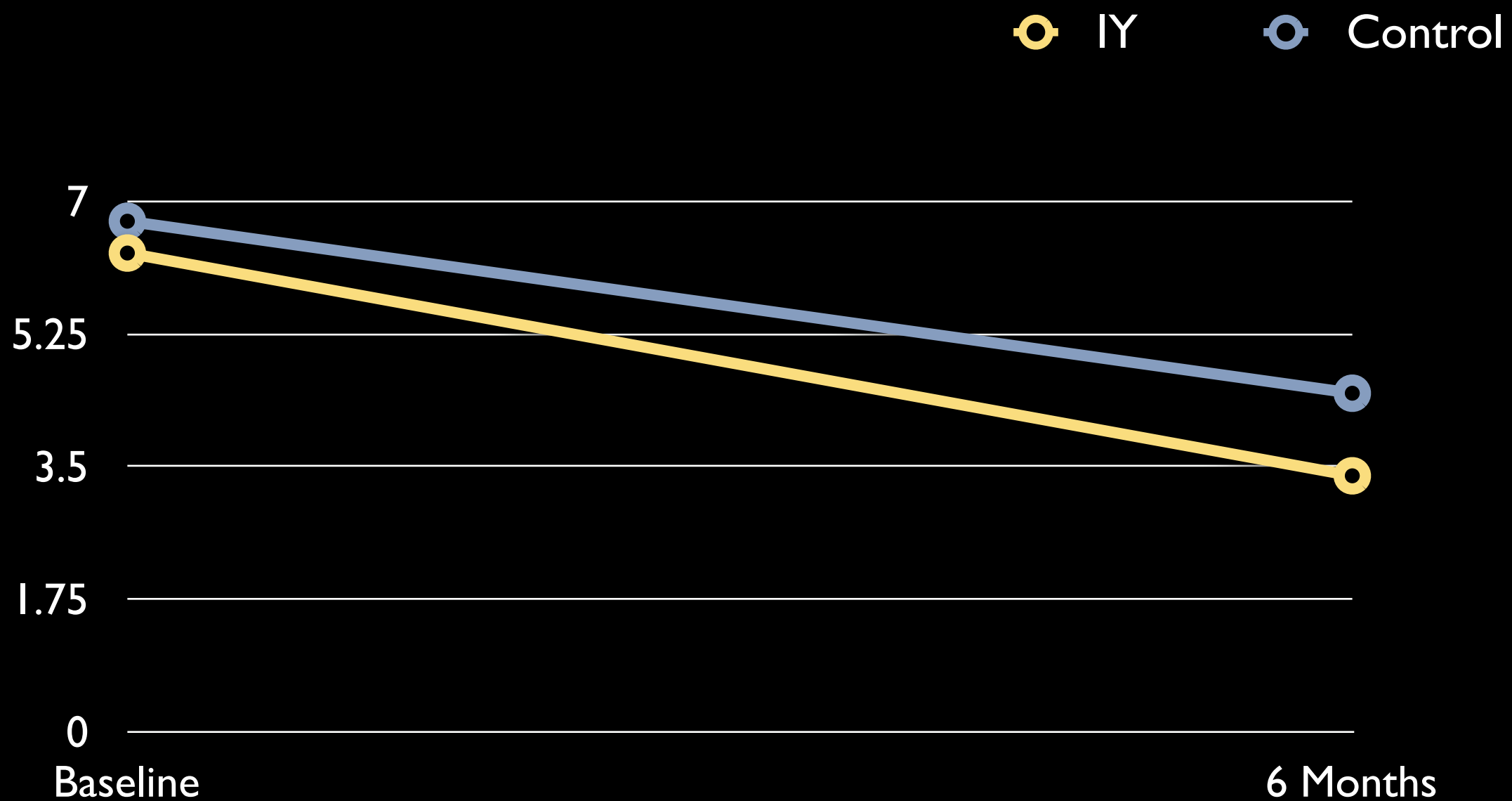
All wait-list, intention to treat,
randomised controlled trials

Design



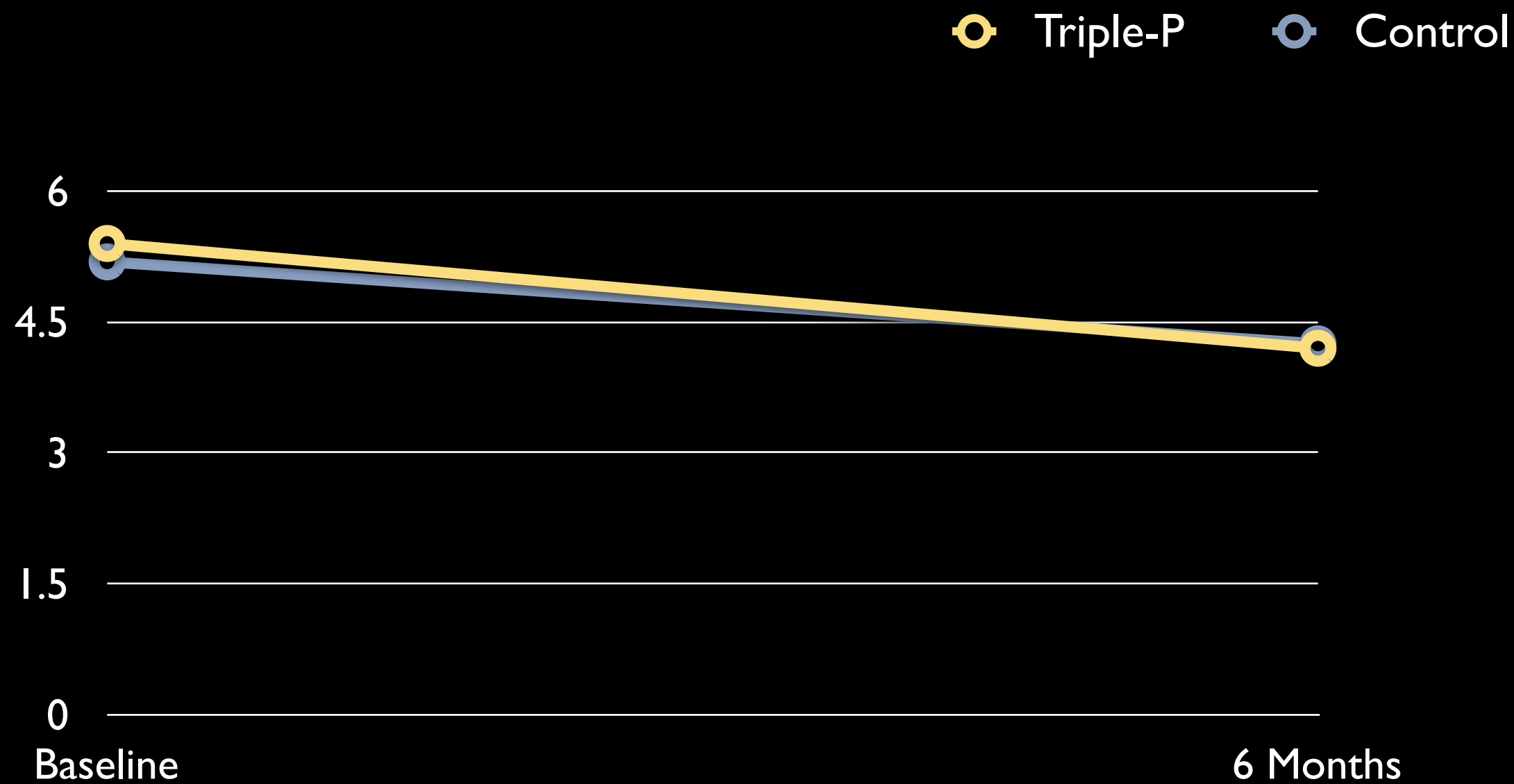
Not significant

SDQ: Emotions

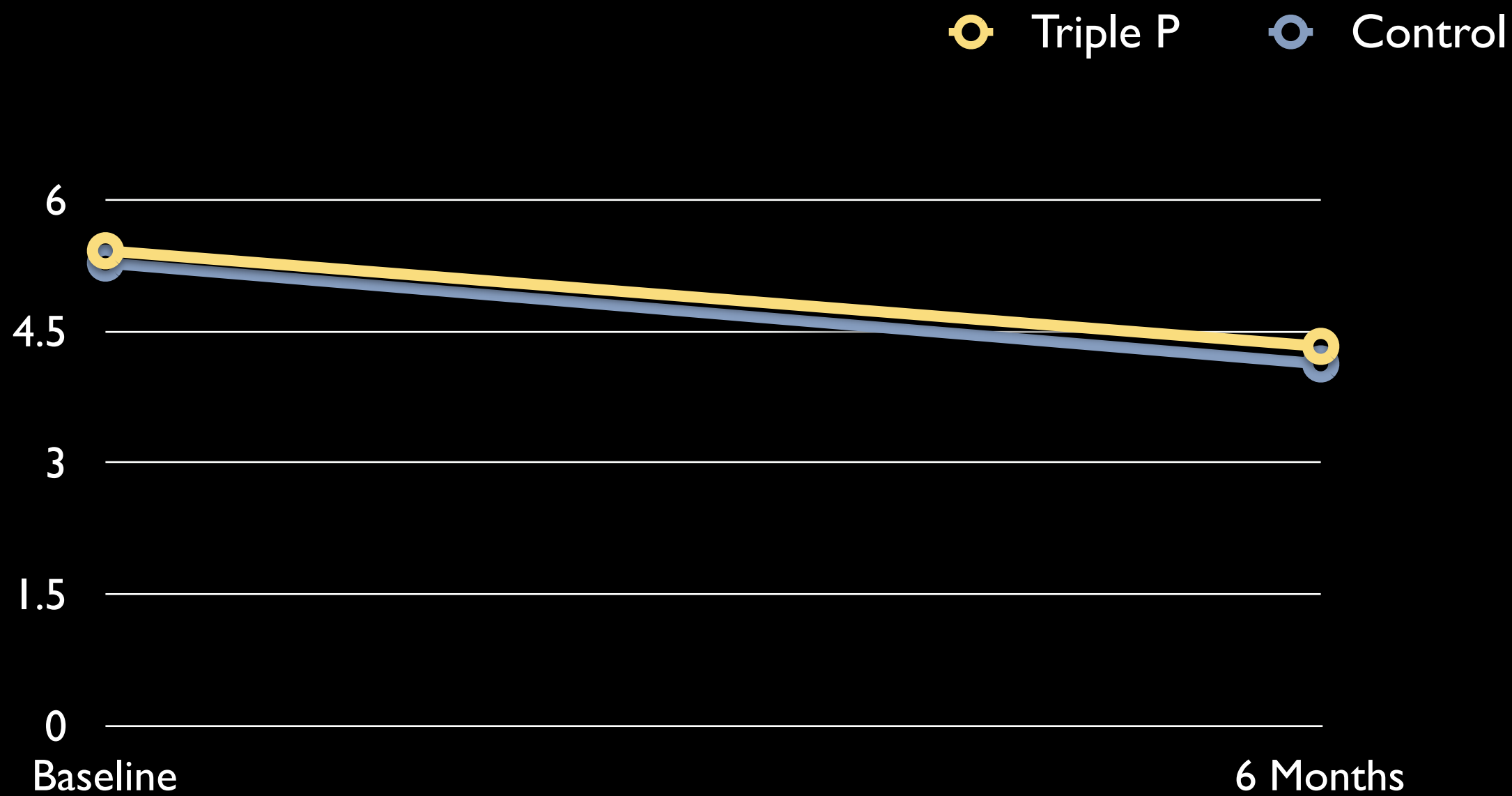


ES = 0.36 $p < 0.05$

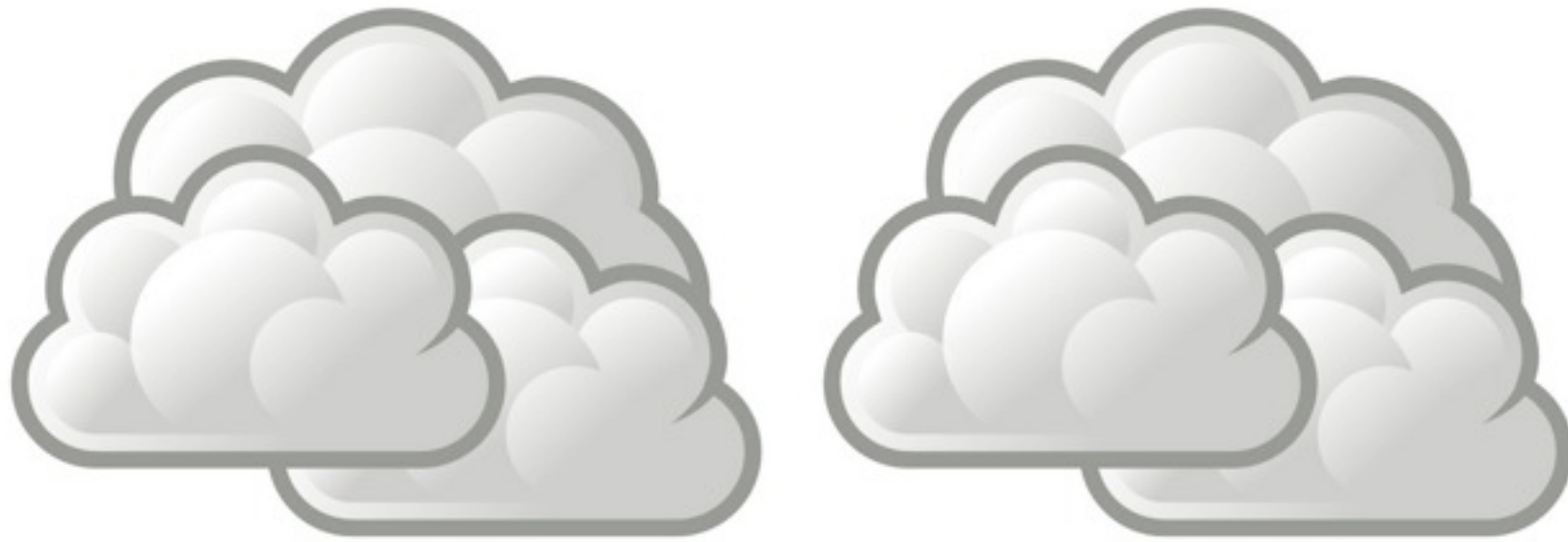
SDQ: Behaviour



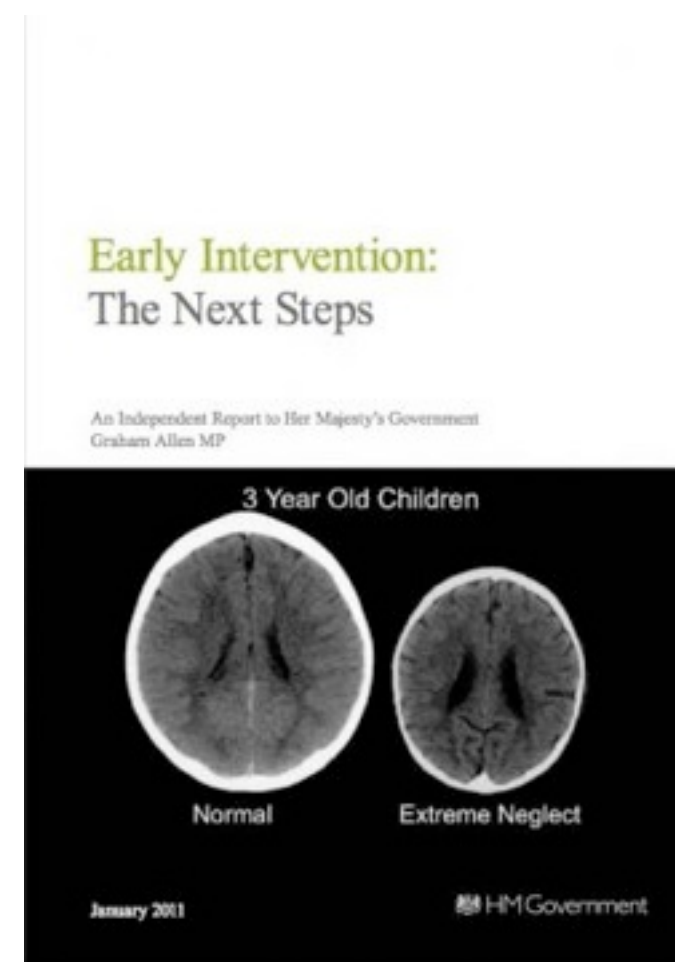
SDQ: Emotions



SDQ: Behaviour







We Produce “Consumer Reports” or “Which?” Lists:

1. What Works?

2. What Doesn't?

3. What Are the
Benefits &
Costs?

www.wsipp.wa.gov

Exhibit 4

Reducing Crime With Evidence-Based Options: What Works, and Benefits & Costs

Washington State Institute for Public Policy Estimates as of October, 2006	Effect on Crime	Benefits and Costs			
Notes: "n/a" means not estimated at this time. Prevention program costs are partial program costs, pro-rated to match crime outcomes.	Outcomes	(Per Participant Net Present Value, 2006 Dollars)			
	Percent change in crime outcomes, & the number of evidence-based studies on which the estimate is based (in parentheses) (1)	Benefits to Crime Victims (of the reduction in crime) (2)	Benefits to Taxpayers (of the reduction in crime) (3)	Costs (marginal program cost, compared to the cost of alternative) (4)	Benefits (total) Minus Costs (per participant) (5)
Programs for People in the Adult Offender System					
Vocational education in prison	-9.0% (4)	\$8,114	\$6,806	\$1,182	\$13,738
Intensive supervision: treatment-oriented programs	-16.7% (11)	\$9,318	\$9,369	\$7,124	\$11,563
General education in prison (basic education or postsecondary)	-7.0% (17)	\$6,325	\$5,306	\$962	\$10,669
Cognitive-behavioral therapy in prison or community	-6.3% (25)	\$5,658	\$4,746	\$105	\$10,299
Drug treatment in community	-9.3% (6)	\$5,133	\$5,495	\$574	\$10,054
Correctional industries in prison	-5.9% (4)	\$5,360	\$4,496	\$417	\$9,439
Drug treatment in prison (therapeutic communities or outpatient)	-5.7% (20)	\$5,133	\$4,306	\$1,604	\$7,835
Adult drug courts	-8.0% (67)	\$4,395	\$4,705	\$4,333	\$4,767
Employment and job training in the community	-4.3% (16)	\$2,373	\$2,386	\$400	\$4,359
Electronic monitoring to offset jail time	0% (9)	\$0	\$0	\$870	\$870
Sex offender treatment in prison with aftercare	-7.0% (6)	\$6,442	\$2,885	\$12,585	\$3,258
Intensive supervision: surveillance-oriented programs	0% (23)	\$0	\$0	\$3,747	\$3,747
Washington's Dangerously Mentally Ill Offender program	-20.0% (1)	\$18,020	\$15,116	n/a	n/a
Drug treatment in jail	-4.5% (9)	\$2,481	\$2,656	n/a	n/a
Adult boot camps	0% (22)	\$0	\$0	n/a	n/a
Domestic violence education/cognitive-behavioral treatment	0% (9)	\$0	\$0	n/a	n/a
Jail diversion for mentally ill offenders	0% (11)	\$0	\$0	n/a	n/a
Life Skills education programs for adults	0% (4)	\$0	\$0	n/a	n/a
Programs for Youth in the Juvenile Offender System					
Multidimensional Treatment Foster Care (v. regular group care)	-22.0% (3)	\$51,828	\$32,915	\$6,945	\$77,798
Adolescent Diversion Project (for lower risk offenders)	-19.9% (6)	\$24,328	\$18,208	\$1,913	\$40,623
Family Integrated Transitions	-13.0% (1)	\$30,708	\$19,502	\$9,665	\$40,545
Fundamental Family Therapy on probation	-15.9% (7)	\$19,529	\$14,617	\$2,325	\$31,821
Multisystemic Therapy	-10.5% (10)	\$12,855	\$9,622	\$4,264	\$18,213
Aggression Replacement Training	-7.3% (4)	\$8,897	\$6,659	\$897	\$14,660
Teen courts	-11.1% (5)	\$5,907	\$4,238	\$936	\$9,208
Juvenile boot camp to offset institution time	0% (14)	\$0	\$0	\$8,077	\$8,077
Sex offender cognitive-behavioral treatment	-10.2% (5)	\$32,515	\$8,377	\$33,064	\$7,829
Restorative justice for low-risk offenders	-8.7% (21)	\$4,628	\$3,320	\$880	\$7,067
Interagency coordination programs	-2.5% (15)	\$3,084	\$2,308	\$205	\$5,186
Juvenile drug courts	-3.5% (15)	\$4,232	\$3,167	\$2,777	\$4,622
Regular surveillance-oriented parole (v. no parole supervision)	0% (2)	\$0	\$0	\$1,201	\$1,201
Juvenile intensive probation supervision programs	0% (3)	\$0	\$0	\$1,598	\$1,598
Juvenile wilderness challenge	0% (9)	\$0	\$0	\$3,085	\$3,085
Juvenile intensive parole supervision	0% (10)	\$0	\$0	\$6,460	\$6,460
Scared Straight	+6.8% (10)	\$8,355	\$6,253	\$58	\$14,667
Counseling/psychotherapy for juvenile offenders	-18.9% (6)	\$23,126	\$17,309	n/a	n/a
Juvenile education programs	-17.5% (3)	\$41,181	\$26,153	n/a	n/a
Other family-based therapy programs	-12.2% (12)	\$15,006	\$11,231	n/a	n/a
Team Child	-10.9% (2)	\$5,759	\$4,131	n/a	n/a
Juvenile behavior modification	-8.2% (4)	\$19,271	\$12,238	n/a	n/a
Life skills education programs for juvenile offenders	-2.7% (3)	\$6,441	\$4,091	n/a	n/a
Diversion programs with services (v. regular juvenile court)	-2.7% (20)	\$1,441	\$1,034	n/a	n/a
Juvenile cognitive-behavioral treatment	-2.5% (8)	\$3,123	\$2,337	n/a	n/a
Court supervision vs. simple release without services	0% (8)	\$0	\$0	n/a	n/a
Diversion programs with services (v. simple release)	0% (7)	\$0	\$0	n/a	n/a
Juvenile intensive probation (as alternative to incarceration)	0% (5)	\$0	\$0	n/a	n/a
Guided Group Interaction	0% (4)	\$0	\$0	n/a	n/a
Prevention Programs (crime reduction effects only)					
Nurse Family Partnership-Mothers	-56.2% (1)	\$11,531	\$8,161	\$5,409	\$14,283
Nurse Family Partnership-Children	-16.4% (1)	\$8,632	\$4,922	\$733	\$12,822
Pre-K education for low income 3 & 4 year olds	-14.2% (8)	\$9,145	\$4,644	\$593	\$12,196
Seattle Social Development Project	-18.6% (1)	\$1,605	\$4,341	n/a	n/a
High school graduation	-10.4% (1)	\$1,738	\$2,851	n/a	n/a
Guiding Good Choices	-9.1% (1)	\$570	\$2,092	n/a	n/a
Parent/Child Interaction Therapy	-3.7% (1)	\$268	\$784	n/a	n/a
Program types in need of additional research & development before we can conclude they do or do not reduce crime outcomes:					
Programs needing more research for people in the adult offender system		Comment			
Case management in the community for drug offenders	0% (13)	Findings are mixed for this broad grouping of programs.			
COSA (Faith-based supervision of sex offenders)	-22.3% (1)	Too few evaluations to date.			
Daylines (compared to standard probation)	0% (1)	Too few evaluations to date.			
Domestic violence courts	0% (2)	Too few evaluations to date.			
Faith-based programs	0% (5)	Too few evaluations to date.			
Intensive supervision of sex offenders in the community	0% (4)	Findings are mixed for this broad grouping of programs.			
Medical treatment of sex offenders	-21.4% (1)	Too few evaluations to date.			
Mixed treatment of sex offenders in the community	0% (2)	Too few evaluations to date.			
Regular parole supervision vs. no parole supervision	0% (1)	Too few evaluations to date.			
Restorative justice programs for lower risk adult offenders	0% (6)	Findings are mixed for this broad grouping of programs.			
Therapeutic community programs for mentally ill offenders	-20.8% (2)	Too few evaluations to date.			
Work release programs (from prison)	-4.3% (4)	Too few recent evaluations.			
Programs needing more research for youth in the juvenile offender system					
Dialectical Behavior Therapy	0% (1)	Too few evaluations to date.			
Increased drug testing (on parole) vs. minimal drug testing	0% (1)	Too few evaluations to date.			
Juvenile curfews	0% (1)	Too few evaluations to date.			
Juvenile day reporting	0% (2)	Too few evaluations to date.			
Juvenile jobs programs	0% (3)	Too few recent evaluations.			
Juvenile therapeutic communities	0% (1)	Too few evaluations to date.			
Mentoring in juvenile justice	0% (1)	Too few evaluations to date.			



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