

Bystander behavior and bullying prevention

Christina Salmivalli University of Turku, Finland



Bullying and aggression

 What is the difference between aggressive behavior and bullying?



Functions of aggression: reactive and proactive

- Reactive aggression
 - hot-tempered
 - response to a threat or provocation
 - feeling angry
 - dysregulated

- Proactive aggression
 - premeditated
 - unprovoked
 - strategic
 - goal-directed
 - regulated



Bullying



- A widely used definition: Systematic aggressive behavior against a person who finds it difficult to defend him/herself against the perpetrator(s)
 - Proactive aggression
 - Repeated nature of attacks and power differential are central features





 Rather than consisting of single attacks, bullying represents a rather stable relationship further embedded in the larger peer setting



Bullying takes numerous forms

- Most often verbal abuse, public ridicule
 - BUT many other forms as well: physical, social isolation, rumor-spreading, cyberbullying, ...



Has bullying moved from schoolyard to cyberspace?



















6%



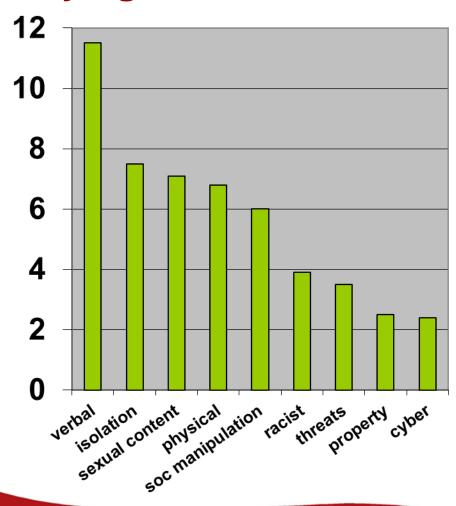


2-3%





Students targeted by different forms of bullying



A child who is bullied is typically targeted in multiple ways



Consequences of being bullied and bullying others

- Well-documented in research
- Being bullied
 - anxiety, depression, loneliness
 - risk for depression, low self-esteem & difficulty to trust other people in adulthood
- Bullying others
 - learning to use aggression as a means to get what one wants
 - risk for criminal offending in adulthood
- Both bullying and victimization, "bully-victims"
 - a small group, but often the most maladjusted

Prevalence of bullying at school

- Universal phenomenon; at least 10-15% of children and adolescents worldwide are systematic victims of bullying by their peers at school
- Much variation across countries, schools, classrooms...

- Bullies: often <10%
- Victims: often 10-15%
- Bully/victims: often 2-5%



Why is bullying so frequent?

- Status, power, admiration needs of those who bully
- Vulnerability of those who are targeted
- A group that fuels bullying, or allows it to happen



The role of bystanders in bullying











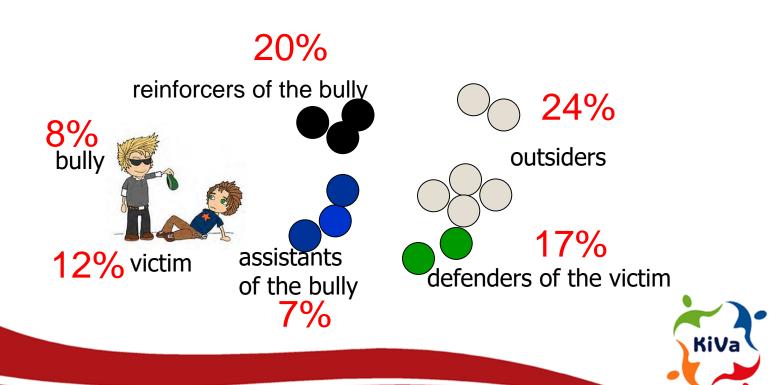
The role of bystanders in bullying

- Despite their anti-bullying attitudes, many students behave in ways which maintain, even fuel the bullying behavior
 - standing by, not intervening
 - reinforcing the bully
 - assisting the bully



The role of bystanders in bullying

Participant roles (Salmivalli et al., 1996)



The responses of peer bystanders *matter*

- Individual effects: short term
 - the defended victims are better adjusted than the undefended ones (Sainio, Veenstra, Huitsing, & Salmivalli, 2010)
- Individual effects: long term
 - the most negative memory related to bullying is often "no-one cared" (Teräsahjo & Salmivalli, 2000)





ijbd

Victims and their defenders: A dyadic approach

International Journal of
Behavioral Development
1-8
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DOI: 10.1177/0165025410378068
ijbd.sagepub.com

\$SAGE

Miia Sainio, René Veenstra, Gijs Huitsing, and Christina Salmivalli

Abstract

This study focused on the dyadic defending relationships of victimized children in grades 3, 4, and 5 (N = 7481 children from 356 school classes, mean ages 10–12 years). Most of the victims (72.3%) had at least one defender. Being defended was positively related to victims' adjustment and social status. Analyses on victim-defender dyads showed that they were usually same-gender relationships. Victims usually liked their defenders and perceived them as popular, although the latter effect was weaker. Also other classmates perceived defenders as popular, indicating that defenders enjoy a high status among their peers in general.

Keywords

bullying, defending, dyad, social networks, victimization



The responses of peer bystanders *matter*

- Individual effects: short term
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The responses of peer bystanders *matter*

- Classroom level:
 - In classrooms where students tend to reinforce the bully, rather than support the bullied classmates
 - bullying occurs more frequently (Salmivalli, Voeten & Poskiparta, 2011)
 - vulnerable (e.g., socially anxious) children are more likely to end up as targets of bullying (Kärnä, Voeten, Poskiparta, & Salmivalli, 2010)





Journal of Clinical Child & Adolescent Psychology, 40(5), 668-676, 2011

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Bystanders Matter: Associations Between Reinforcing, Defending, and the Frequency of Bullying Behavior in Classrooms

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Marinus Voeten

Radboud University Nijmegen

Elisa Poskiparta

University of Turku





TABLE 4
Summary of Multilevel Regression Analyses for Predicting Bullying

	Model 1		Model 2		Model 3		Model 4	
Variable	b	SE	b	SE	b	SE	b	SE
Intercept	.42	.02	.42	.02	.41	.02	.44	.05
Age	.00	.01	.00	.01	.00	.01	01	.01
Boy	.16***	.02	.16***	.02	.16***	.02	.16***	.02
Immigrant	.14	.08	.14	.08	.14	.08	.13	.08
Empathy	.01	.02	.01	.02	.01	.02	.01	.02
Attitudes	22***	.02	22***	.02	22***	.02	21***	.02
Class Size			04	.03	06	.03	01	.02
Defending					49***	.16	35*	.14
Reinforcing							2.05	.27
R ² Within	.07**	*	.07**	*	.07***	*	.07**	*
R2 Between			.03		.10*		.53**	*
BIC			13,606.68		13,595.91		13,497.29	





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MERRILL-PALMER QUARTERLY, Vol. 56, No. 3

Vulnerable Children in Varying Classroom Contexts

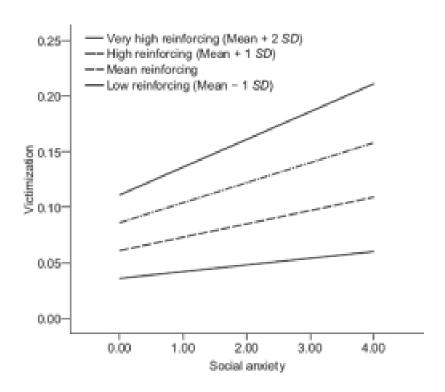
Bystanders' Behaviors Moderate the Effects of Risk Factors on Victimization

Antti Kärnä University of Turku, Finland Marinus Voeten Radboud University Nijmegen, The Netherlands Elisa Poskiparta and Christina Salmivalli University of Turku, Finland





 Whether an individual risk factor leads to being bullied depends on the classroom context



In order to reduce bullying...

- We do not necessarily need to change the victims, making them "less vulnerable"
- Influencing the behavior of bystanders can reduce the rewards gained by the bullies and consequently, their motivation to bully in the first place
- However, the victims need to feel that they are heard and helped by the adults at school
- The bullies need to be confronted for their unacceptable behavior



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 INDICATED ACTIONS



An anti-bullying program should include...

- ...something for all students
 - → universal actions
- ...something for bullies and victims in particular
 - → indicated actions



KiVa antibullying program



http://www.kivaprogram.net/





KiVa™ universal and indicated actions

Student lessons and materials involved



Visible vests for persons supervising recess time











Online antibullying games



Online surveys with feedback of progress

KiVa™ team Clear guidelines for tackling bullying



The topics of Unit 1 student lessons

- 1. Lets' get to know each other!
- 2. Emotions
- 3. Our class everyone is included!
- 4. Difference is richness
- 5. There is no bullying at a KiVa school
- 6. We will not join in on bullying
- 7. The bullied child needs your support
- 8. I will not be bullied!
- 9. Literature lesson
- 10. The KiVa contract





The topics of Unit 2 student lessons

- 1. Respect is for everyone
- 2. In a group
- 3. Recognize bullying
- 4. Hidden forms of bullying
- 5. Consequences of bullying
- 6. Group involvement in bullying
- 7. Confronting bullying as a group
- 8. What to do if I get bullied?
- 9. KiVa School let's do it together!
- 10. How are we doing?







Activities included in student lessons



- Creating awareness of how the group might maintain and fuel bullying
- Enhancing empathy
- Providing safe strategies to support victimized peers



KiVa™ universal and indicated actions





Visible vests for persons supervising recess time



Parent materials

Online antibullying games Play The KiVa game!

Universal



Monitoring

Indicated

KiVa™ team Clear guidelines for tackling bullying



KiVa online games: closely connected to student lessons

KNOW

Repeating & testing of what has been learnt during the lessons

ICAN

- Learning to take action
- Students go around in a virtual school and come to challenging situations where they have to decide what to say and do

I DO

- Motivation
- Students reflect on their own behavior (e.g., how they have done with following the KiVa rules) and get feedback



Online games

I CAN / Unit 2







Educational Psychology, 2016
Vol. 36, No. 3, 595–611, http://dx.doi.org/10.1080/01443410.2015.1066758



Implementing the KiVa antibullying program: recognition of stable victims

Anne Haataja*, Miia Sainio, Mira Turtonen and Christina Salmivalli

Department of Psychology, University of Turku, Turku, Finland (Received 23 February 2015; final version received 24 June 2015)

Teachers do not always recognise students who are victimised by their peers. In this study, we examined the recognition of stable victims in 76 schools beginning to implement the KiVa antibullying programme. We focused on 348 victims (9–15 years) who reported victimisation at the pretest and still at wave 2, after five months of programme implementation. Only 24% of these stable victims received the attention of school personnel during the school year. Multilevel logistic regression analyses revealed that male victims were recognised more often than female victims, but only in elementary school level. Peer reputation as a victim, as well as telling an adult about one's plight increased the likelihood of recognition by school personnel, whereas bullying others (in addition to being victimised) decreased it. The study emphasises the importance of encouraging school personnel to put more effort in reaching the victimised students.

Keywords: antibullying programme; indicated intervention; recognition; victimization



"Virtual mailbox" in the online games











KIRJE KOULUN KIVA-TIIMILLE

84 / 600

I don't want to come to school anymore. Other kids are not playing with me anymore...



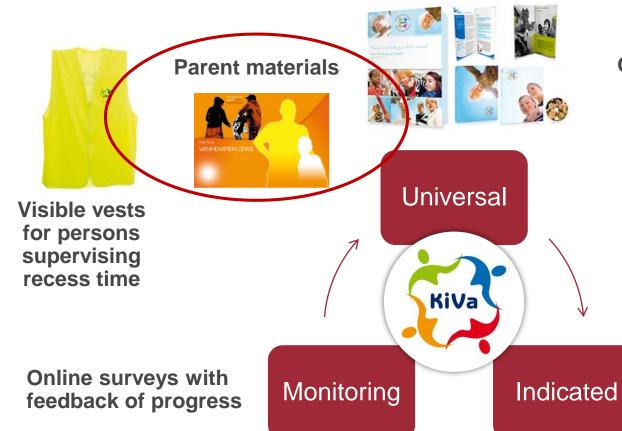






KiVa™ universal and indicated actions





Online antibullying games



KiVa[™] team Clear guidelines for tackling bullying



Parents' involvement

Newsletter to parents (www)

Parents' guide (www/print)

Material for back-to-school night







KiVa™ universal and indicated actions

Student lessons and materials involved



Online antibullying games



Posters; Visible vests for persons supervising recess time Universal

Monitoring

Indicated

KiVa[™] team Clear guidelines for tackling bullying



Online surveys with feedback of progress

Parent materials

To remind about KiVa...

- Posters
- Highly visible vests for recess supervisors (in Finland, teachers)









KiVa™ universal and indicated actions

Student lessons and materials involved



Visible vests for persons supervising recess time











Online surveys with feedback of progress

Monitoring

Indicated

KiVa™ team Clear guidelines for tackling bullying

games





Indicated actions: Tackling the cases of bullying

KiVa team









KiVa™ universal and indicated actions

Student lessons and materials involved



Posters; Visible vests for persons supervising recess time











Monitoring

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Online antibullying games



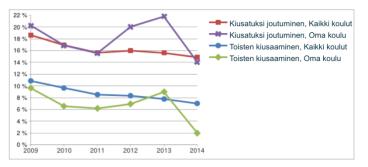
KiVa™ team Clear guidelines for tackling bullying





Monitoring tool: Annual school-based feedback

Osuus <u>alakoulun</u> oppilaista, jotka ovat kiusanneet muita tai kokeneet tuleensa kiusatuksi *kaksi tai kolme* kertaa kuukaudessa tai useammin



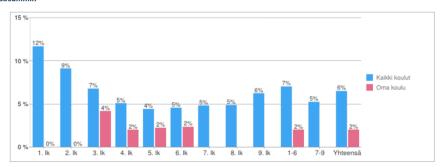
Osuus <u>yläkoulun</u> oppilaista, jotka ovat kiusanneet muita tai kokeneet tuleensa kiusatuksi *kaksi tai kolme kertaa kuukaudessa* tai *useammin*



Lisätietoa kysymyksistä: "Miten usein olet kiusannut koulussa toista oppilasta viimeisen parin kuukauden aikana?" ja "Miten usein sinua on kiusattu koulussa parin viime kuukauden aikana?" Vastausvaihindott: "ei Jainkaan", "kerran tai kaksi", "2–3 kertaa kuukaudessa", "noin kerran viikossa" tai "useita kertoja viikossa".

Toisten kiusaaminen ja kiusatuksi joutuminen 2014

Osuudet eri luokka-asteiden oppilaista, jotka ovat <u>kiusanneet muita</u> *kaksi tai kolme kertaa kuukaudessa* tai *useammin*



Lisätietoa kysymyksestä: "Miten usein olet kiusannut koulussa toista oppilasta viimeisen parin kuukauden

Can we influence the bystanders?

- Probably easier than changing those who bully!
- Critical individual characteristics to be targeted
 - empathy towards peers who are bullied
 - self-efficacy with respect to helping
 - positive outcome expectations re: helping
- Critical group factors to be targeted
 - group norms re: bullying
 - teacher-imposed norms; peer group norms
 - "pluralistic ignorance"

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How does it feel to be bullied? Emotion cards



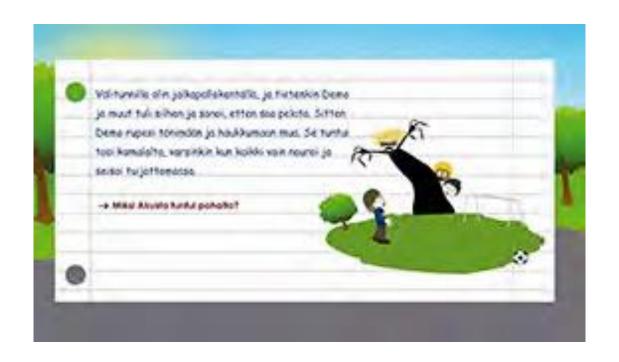


How does it feel to be bullied? Emotion cards





How does it feel to be bullied? Scene from the online game





How does it feel to be bullied? Fictional stories





How does it feel to be bullied? Memories...









Can we influence the bystanders?

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We can do something to help!
Providing safe strategies to support
victimized peers













We can do something to help! Mobilizing bystander support

 Discussions with the child who is bullied and with the bullying children (KiVa team)

- Utilizing prosocial, high-status peers (classroom teacher)
 - "your help is needed"
 - → self-efficacy, positive outcome expectations



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Pluralistic ignorance

 Children do not individually approve of bullying, but they infer from peers' behavior that peers think bullying is acceptable, even fun

Important: showing one's antibullying attitudes in public



We do not like bullying!



What do we actually think of bullying?



How can we make that visible?



Parents' involvement

Message to all parents: Even if your child is neither being bullied nor bullying others, he/she may be involved in other ways

Information newsletter to parents (www)

Parents' guide (www/print)

Back-to-school night





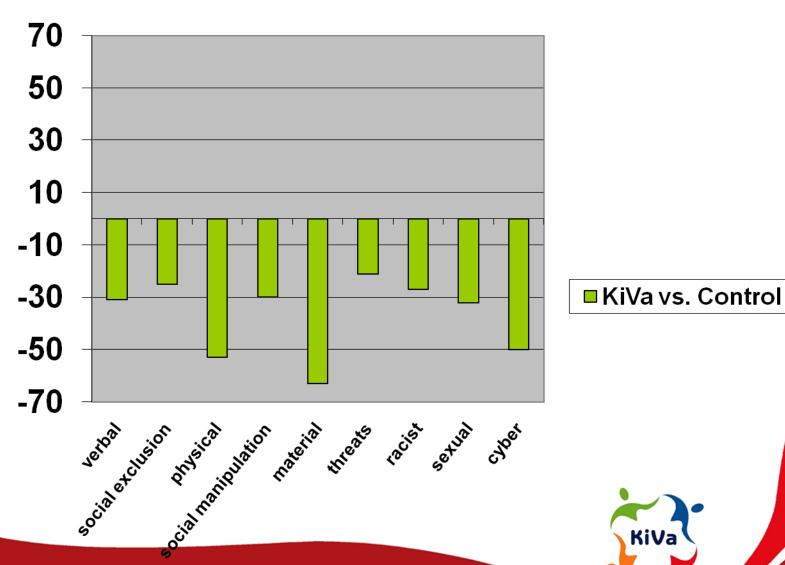


Does KiVa work?





Changes in being bullied by different forms during one school year, RCT 2007-2008



KiVa influenced also bystander emotions, cognitions, and behaviors

- Increased empathy toward victimized
- Influenced children's antibullying attitudes, efficacy, and effort to defend the victims
- Decreased reinforcing and assisting the bully
 - Kärnä et al. (2011)



Additionally KiVa...

 reduced students' social anxiety and had a positive impact on their perceptions of peer climate (Williford et al, 2011)



 positive effects on school liking and academic motivation (Salmivalli, Garandeau & Veenstra, 2012)



KiVa also Influenced...

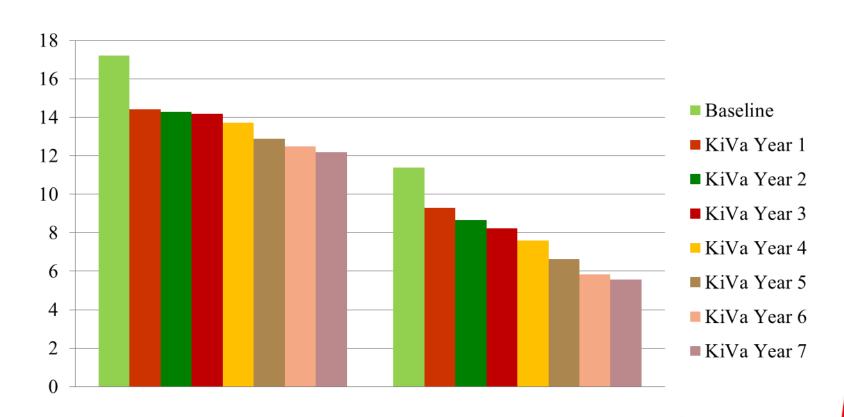
- children's perceptions on their teachers' attitudes and how well the teacher is able to do to reduce bullying
- teachers self-evaluated competence to tackle bullying



(Ahtola et al. 2012; Veenstra et al. 2014)

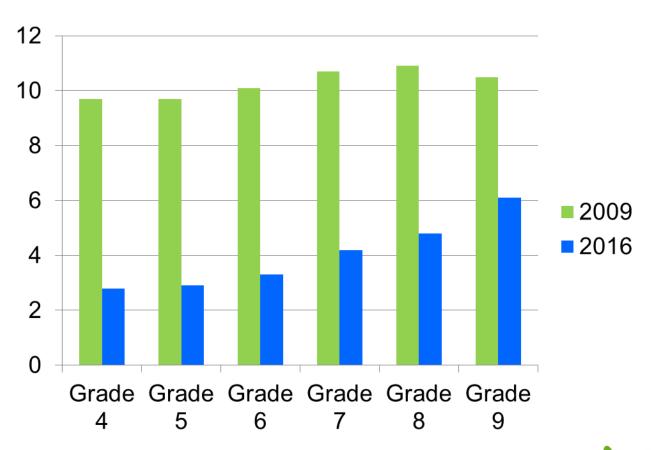


Nationwide implementation: Proportion of students who have been bullied / who are bullying others repeatedly, Finnish KiVa schools 2009-2016



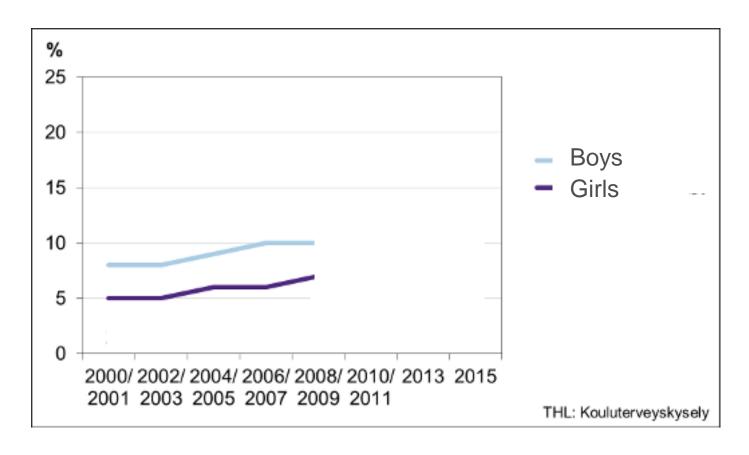


NOT feeling safe at school, %



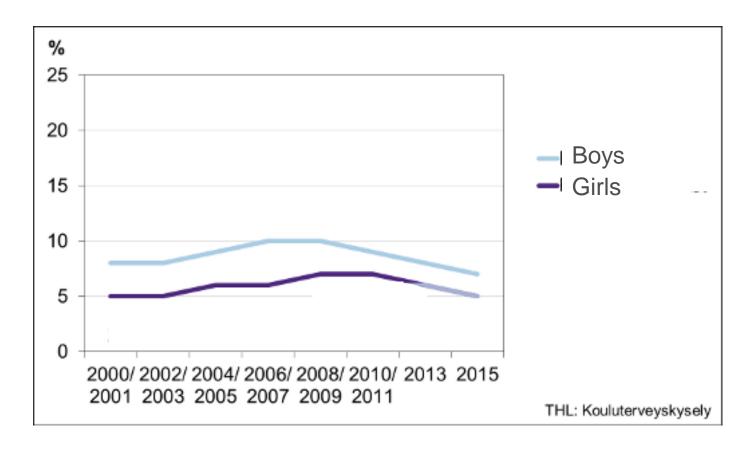


School health promotion study





School health promotion study







How does KiVa work? The mechanism



How does KiVa work?

 "Theory of change" behind KiVa: The program makes bullying behavior less rewarding for the perpetrators by changing bystander responses to bullying

Putting the theory into test...





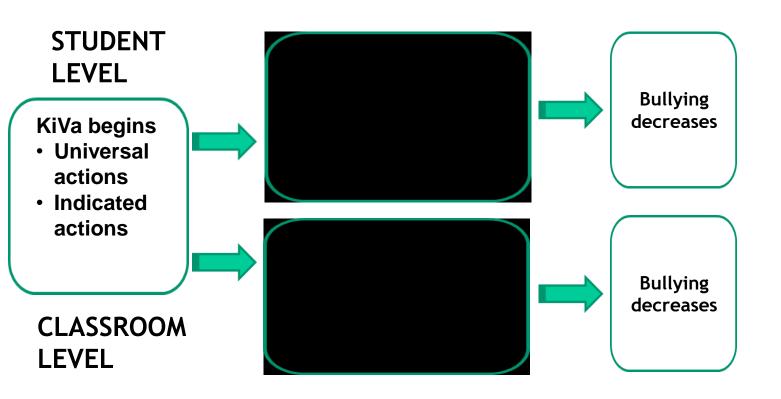
Are changes in bullying mediated by changes in bystander responses?



Opening the "black box"





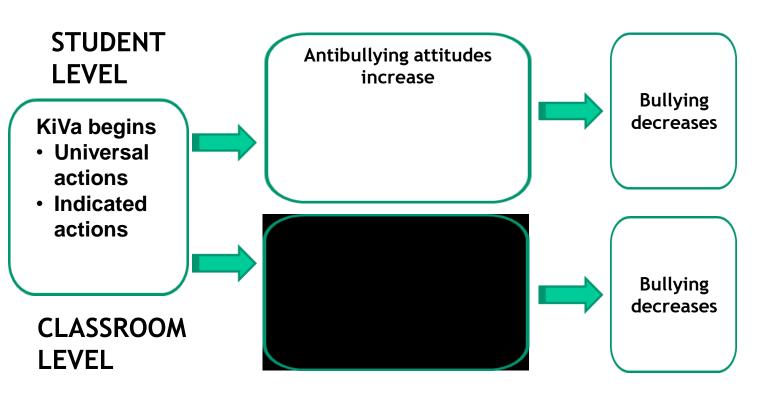




- Target sample of 8248 students from 429 classrooms from 78 schools
- Final sample of 7269 students from 387 classrooms from 77 schools
 - Grade levels 4 to 6 (10-12 years of age)
- Data collected in May 2007, December 2007, May 2008

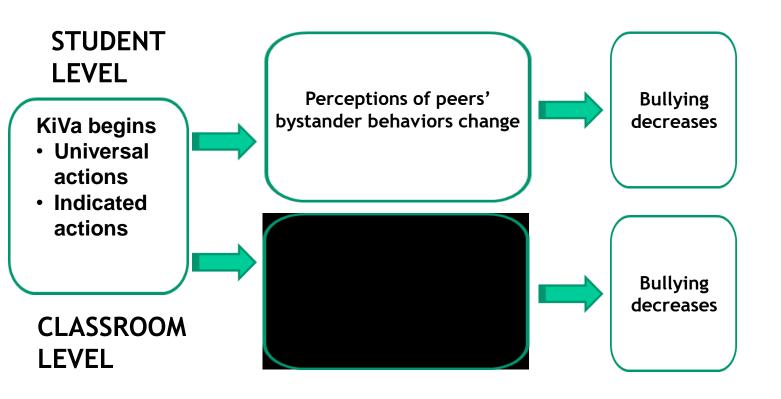






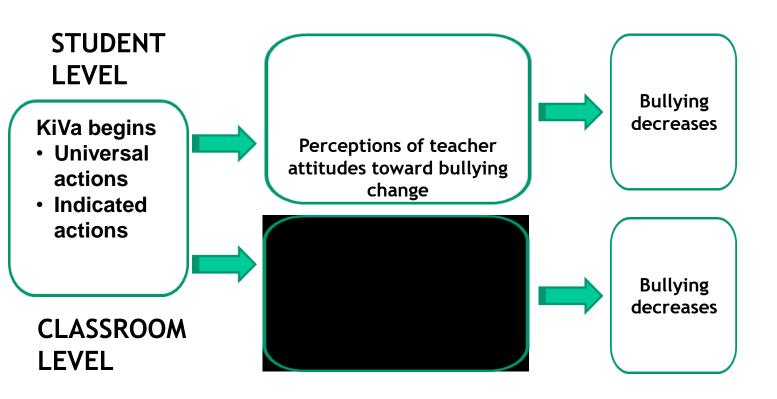






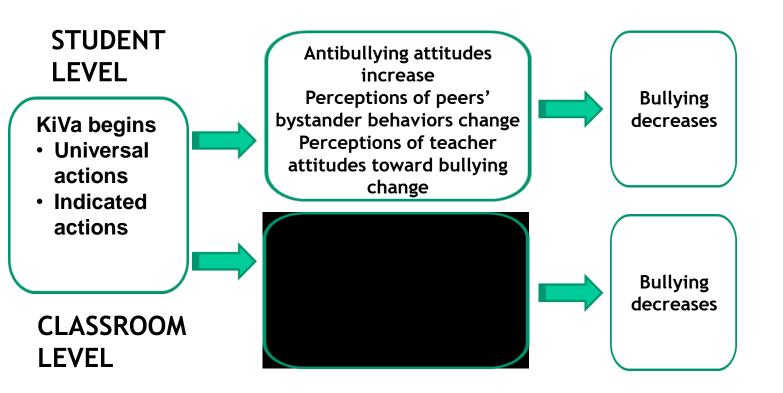






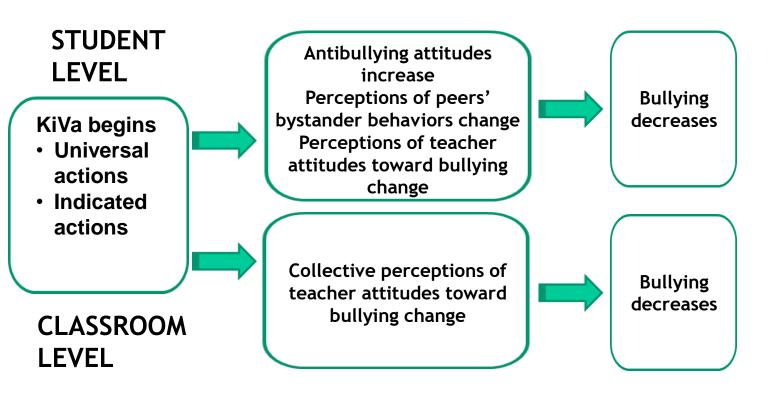
















- Yes, changes in bullying were mediated by bystander responses
 - As a result of KiVa, children first started observing more defending and less reinforcing among their classmates, and consequently, reduced their bullying behavior
- Changes in bullying were also mediated by children's perceptions of teacher attitudes
- The relative importance of peers vs. teachers across age groups?

Conclusions

- Peer bystanders play a significant role in bullying
- By changing bystander responses we can successfully reduce bullying behavior and increase the targeted students' well-being

