Forgiveness as a Vital Sign: Positive Epidemiology and the Health of Communities

"Only humans can perform that most unnatural act [of forgiveness] which transcends the relentless law of nature."

----Alexander Solzhenitsyn

S. Mark Heim Andover Newton Seminary at Yale Divinity School



The Human Flourishing Program

at Harvard's Institute for Quantitative Social Science

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Forgiveness: Interdisciplinary Perspectives (April 20-22, 2023)



















HARVARD UNIVERSITY APRIL 20-22

Cambridge Elements

Religion and Monotheism

Monotheism and Forgiveness

S. Mark Heim



Is Forgiveness a Public Health Issue?

VanderWeele, T.J. (2018). Is forgiveness a public health issue? *American Journal of Public Health*, 108:189-190.

- ► Forgiveness affects mental, and possibly physical, health
- ► In many moral and theological understandings, forgiveness, as a form of love, is also a good itself
- ► Forgiveness interventions can alter forgiveness and decrease anxiety and depression, and increase hope
- ▶ Because being wronged is common, and because the effects of forgiveness on health are substantial, forgiveness should be viewed as a phenomenon that is not only of moral, theological, and relational significance but of public health importance also³⁵

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The study, a randomized controlled trial, had 4,598 participants—more than all previous research on forgiveness interventions combined. Trial participants came from Hong Kong, Indonesia, Ukraine, Colombia, and South Africa, countries that have all faced civil conflict or unrest in the recent past. Individuals who received the workbook saw an increased ability and disposition to forgive, a reduction in depression and anxiety symptoms, and an increase in flourishing compared to those with delayed receipt of the workbook.

Outline

- 1. Introduction
- 2. Forgiveness in the Human Story
 The strange reality of Eusociality
- 3. Altruism and Cooperation
- 4. The Excess of Universal Forgiveness

Forgiveness Something Related to Individuals

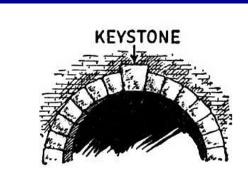
Forgiveness: A victim's reducing negative thoughts, emotions, intentions, and behaviors and replacing these with positive thoughts, emotions, intentions and behaviors towards the offender (cf. Worthington et al. 2005, 2013; North, 1987; Stump, 2006)

Trait forgiveness: Degree to which a person tends to forgive across time and situations

State forgiveness: Person's forgiveness of a specific offense

Forgiveness differs from condoning, forebearing, reconciling, forgetting, justifying, not demanding justice, excusing (cf. Worthington et al. 2005, 2013; North, 1987; Stump, 2006)

Forgiveness and hominization as an aspect of the cognitive and evolutionary study of religion









Social Role of Religion

How did humans make the move from living in small kin/clan groups to the large communities that are typically human?

Forgiveness: Its Effects in Relation to Groups

The Social Life of Religion

Key question is the relation of religion to interhuman cooperation and group life

More narrowly the question of altruism

Or---to use more religious language—forgiveness and sacrifice.

A Garden of Eden story....but not a fall into evil rather a fall "up" into cooperation and extended connection

Eusociality
Rare and momentous

The Eusocial Insects 2% of insect species





80% of insect biomass



Forgiveness: A Special Kind of Altruism

Inclusive Fitness forms of genetic interest

Direct reproduction (my genes)
Kin Selection (my relatives' genes)
Reciprocal Altruism ("banking")
Indirect (reputational) Altruism

Network reciprocity

Direct reciprocity

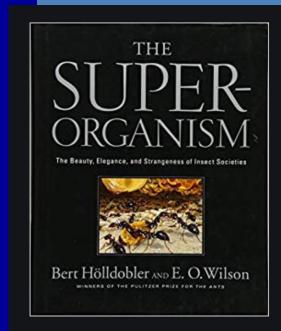
Group selection

5 Forms of Cooperation

Kin Selection
Reciprocal Altruism
Indirect (reputational) Altruism

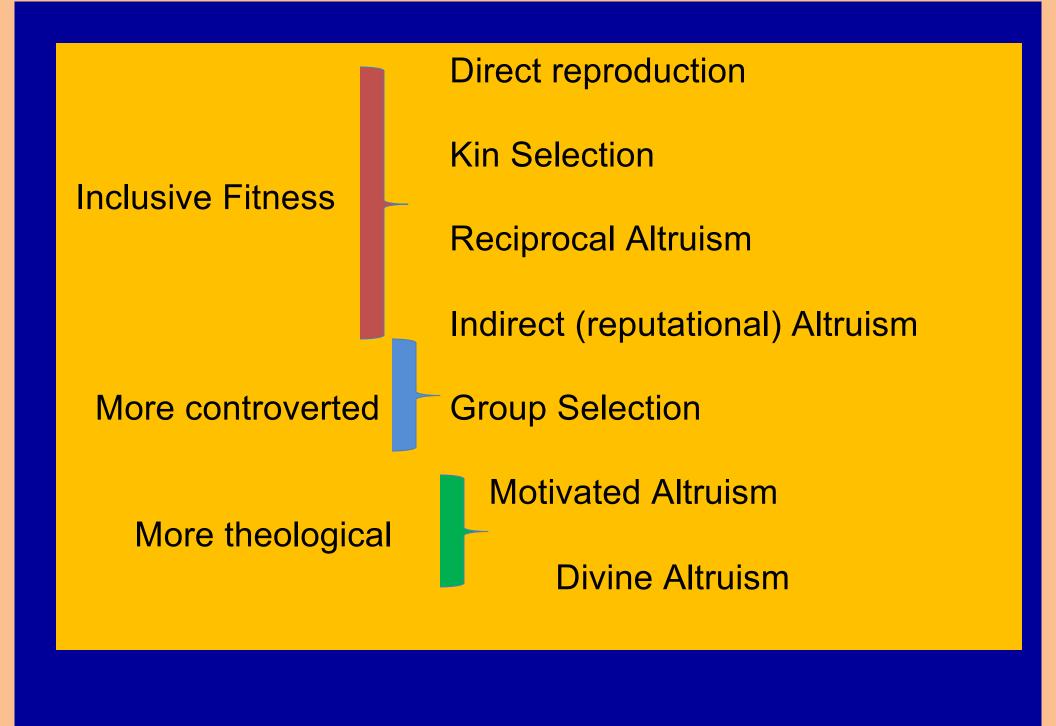
Network Reciprocity

Group Selection





E.O. Wilson



'Groundbreaking' Nature

'Fascinating' Science

'An absorbing, accessible book' New York Times





Beyond The Survival of the Fittest Why Cooperation, not Competition, is the Key to Life

Martin Nowak
With Roger Highfield

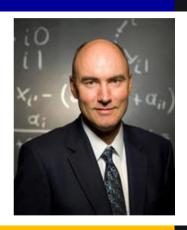
Evolution, Games, and God

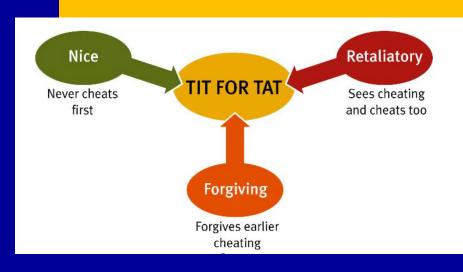
The Principle of Cooperation

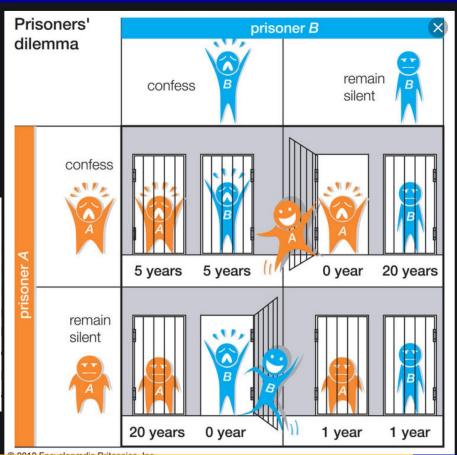
Martin A. Nowak | Sarah Coakley



Martin Nowak







"Prisoner's Dilemma"
frames the issue <u>negatively</u>
Abundance Dilemma
would frame it <u>positively</u>.

Simulated Worlds

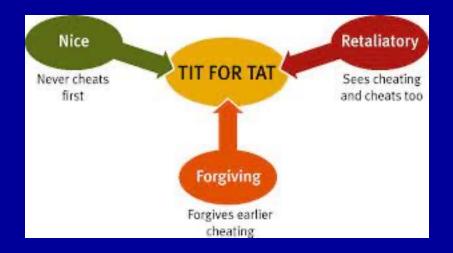
Generous Tit for Tat is the overall "winner"

But the simulated worlds go through repeated cycles

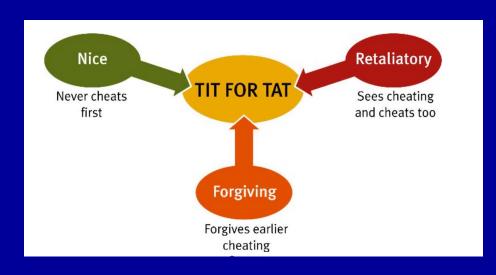
As cooperators increase, the benefits of being a more ready and forgiving cooperator increase....a "virtuous cycle" with greatest benefits for all

When cooperation levels are very high, the benefits of being a defector also go up....and a viscious cycle starts where the less cooperative get disproportionate benefit (the world is full of "suckers."

Tit for Tat
responds to change in other's
behavior: if the other cooperates,
change to cooperate...."forgiving"
prior defections.....



Generous Tit for Tat is the winner only when the situation is made more realistic In real life people make mistakes, misunderstand, data is unclear, regret after the fact..... When that is the climate, then generous tit for tat outperforms



Generous Tit for Tat
proactively sometimes cooperates
with an "offender" who has not
cooperated in past exchange.
Proactive forgiveness....

The good news comes with bad news---We become supportive to each other to help our group defeat other groups.

The breakthrough was to make our group much more inclusive and diverse, including people dramatically unlike each other according to earlier (kin and clan based) community.

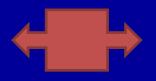
So the "excess" of religious forgiveness pushed the envelope...

From bias to extend forgiveness only to those in our group.....

to the benefits that extending forgiveness <u>makes</u> people part of a larger group

But religious forgiveness is not about maximizing benefit, is it?

Forgive us our sins, as we forgive those who sin against us.



For if you love those who love you, what reward do you have? Do not even the tax collectors do the same?

Matthew 6:12

Matthew 5:46

Forgiveness in Excess

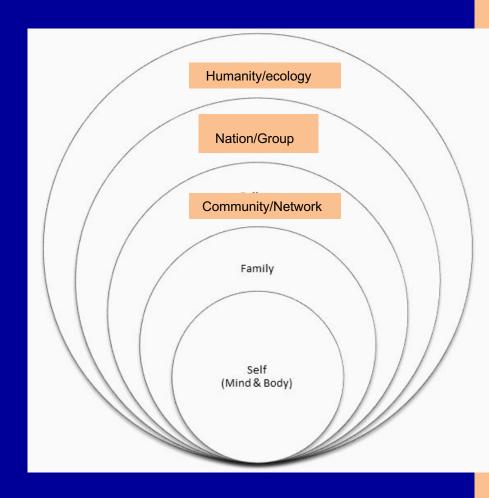
But I say love your enemies. Pray for those who persecute you.

Matthew 5:44

Then Peter came up and said to him, "Lord, how often shall my brother sin against me, and I forgive him? As many as seven times?" Jesus said to him, "I do not say to you seven times, but seventy times seven Matthew 18:21-22

Who is my neighbor?.... Which of these was a neighbor? The one who had mercy on him. Luke 10:25-37

God's aim in human history is the creation of an inclusive community of loving persons, with God included as its primary sustainer and most glorious inhabitant. --Dallas Willard



Love Your Neighbor



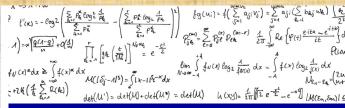
Forgiveness key to the first "big bang" of cooperative altruism that drove humanity to eusociality

"excess" forgiveness toward a new "all" but less than universal

Can "excess forgiveness" as taught by the monotheistic faiths be a force driving toward a more universal "all?"









It is striking how these two imaginations (the secular imagination and the religious imagination) often seem at odds with each other, yet both arrive at the same conclusion: that the concept of "organism" [organism in science, community in religion] has a movable boundary, which must be expanded to solve the problems of our age.

David Sloan Wilson This View of Life: Completing the Darwinian Revolution

