

To: [REDACTED]
Cc: Gordon Getty [REDACTED], Robert Trivers [REDACTED]; Robert
Frank [REDACTED]
From: Jeffrey Epstein
Sent: Mon 11/25/2013 9:20:38 PM
Subject: Re:

risk of death in childbirth?

On Mon, Nov 25, 2013 at 5:05 PM, Alan Rogers <[REDACTED]> wrote:

Charlesworth and Charnov published an age-structured theory of kin selection in 1981 (JTB 88:103) and Taylor and Frank did it a different way in 1996 (JTB 180:27). I added time delays to the Charlesworth-Charnov model in 1993 (Evolutionary Ecology 7:406). These models all grow out of the ideas that Hamilton introduced in his "Moulding of senescence" paper in 1966. But Hamilton 1966 didn't do kin selection. He did however argue that reproductive value is not the right way to formulate the problem. His model (and also those mentioned above) use the numerator of reproductive value, but the normalization is different. To put this differently, the reproductive value at age x needs to be weighted by l_x , the probability of surviving to that age. This weighting is missing from the formulation directly in terms of reproductive value.

Alan

2013/11/25 Gordon Getty [REDACTED]

--

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of Jeffrey Epstein

Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com, and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved