Re: Hamilton's rule

Source: http://sci.tech−archive.net/Archive/sci.bio.evolution/2005−11/msg00322.html

- *From*: "Perplexed in Peoria" <jimmenegay@xxxxxxxxxxxx>
- *Date*: Tue, 22 Nov 2005 16:40:16 −0500 (EST)

"Guy Hoelzer" <hoelzer@xxxxxxx> wrote in message news:dlvnf1mdi1@xxxxxxxxxxxxxxxxxxxxx
> in article dlotn0gsg1@xxxxxxxxxxxxxxxxxx, Perplexed in Peoria at
> jimmenegay@xxxxxxxxxxxx wrote on 11/19/05 8:22 PM:
>
> > "Guy Hoelzer" <hoelzer@xxxxxxx> wrote in message
> > news:dll6au$1qor$1@xxxxxxxxxxxxxxxxxxxx
> >
> >> OK. I think I see your logic on this point now. Let me try another taste
> >> test, assuming that you agreed with my claim that the position of the R line
> >> can vary and its mean position is a function of the distribution of 'r'
> >> values from realized altruistic interactions in the population.
> >
> > The R line IS a mean. If you wish to call a simple mean 'a function of the
> > distribution', I guess that is true.
>
> OK. What would a mean be if not a function of a distribution? I was trying
> to emphasize the idea that your R line can actually exist in any location in
> your graphical space depending on who interacts with whom.

Yes, but if you narrow your focus down to a single actual donor−recipient
pair, you don't even have lines. You have a pair of points. You can't vary
the population allele frequencies given a specific donor and recipient.

[snip remainder − no points of disagreement or confusion]

.

- ***References***:
  - ***Re: Hamilton's rule***
    - *From:* Catherine Woodgold
  - ***Re: Hamilton's rule***
    - *From:* Guy Hoelzer
  - ***Re: Hamilton's rule***
    - *From:* Perplexed in Peoria
  - ***Re: Hamilton's rule***

$\Diamond F$