

## Re: Hamilton's rule

---

*Source:* <http://sci.tech--archive.net/Archive/sci.bio.evolution/2005-11/msg00322.html>

---

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

"Guy Hoelzer" <hoelzer@xxxxxxx> wrote in message [news:dlnvf1\\$mdi\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:dlnvf1$mdi$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
> in article [dlotn0\\$gsg\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:dlotn0$gsg$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx), Perplexed in Peoria at  
> jimmenegay@xxxxxxxxxxxxxx wrote on 11/19/05 8:22 PM:  
>  
>> "Guy Hoelzer" <hoelzer@xxxxxxx> wrote in message  
>> [news:dll6au\\$1qor\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:dll6au$1qor$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)  
>>  
>>> 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***

Re: Hamilton's rule

◇ *From: Guy Hoelzer*

◆ ***Re: Hamilton's rule***

◇ *From: Perplexed in Peoria*

◆ ***Re: Hamilton's rule***

◇ *From: Guy Hoelzer*

◆ ***Re: Hamilton's rule***

◇ *From: Perplexed in Peoria*

◆ ***Re: Hamilton's rule***

◇ *From: Guy Hoelzer*

- Prev by Date: ***Call for paper in Nanotechnology journal***
- Next by Date: ***Re: Hamilton's rule***
- Previous by thread: ***Re: Hamilton's rule***
- Next by thread: ***Re: Hamilton's rule***
- Index(es):
  - ◆ ***Date***
  - ◆ ***Thread***