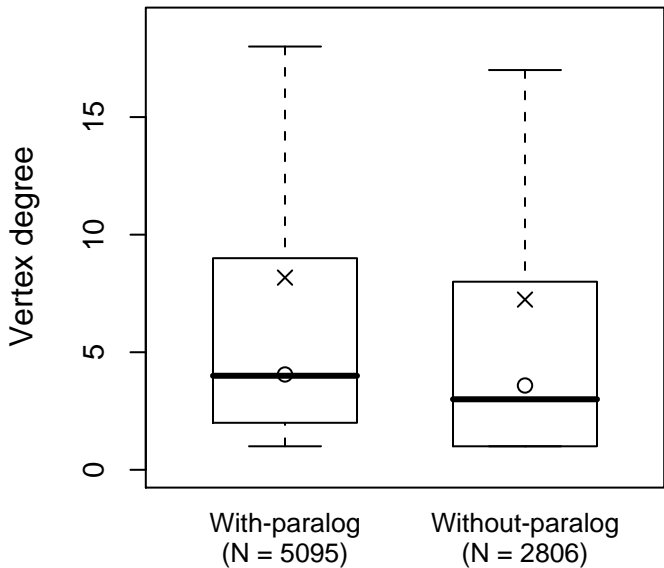


# A

Length

$538 \pm 418$

$642 \pm 658$



# B

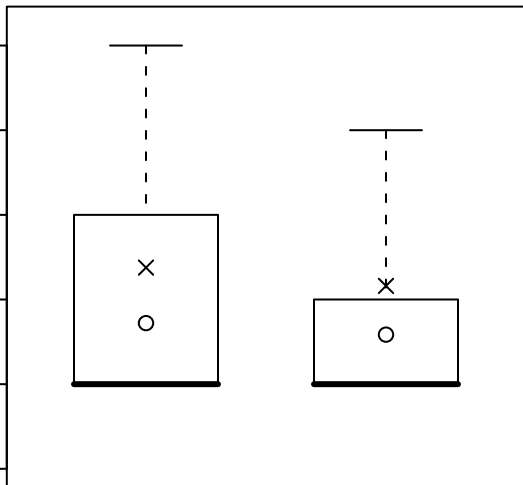
Length

$529 \pm 390$

$667 \pm 711$

Vertex degree

5  
4  
3  
2  
1  
0



With-paralog  
(N = 1463)

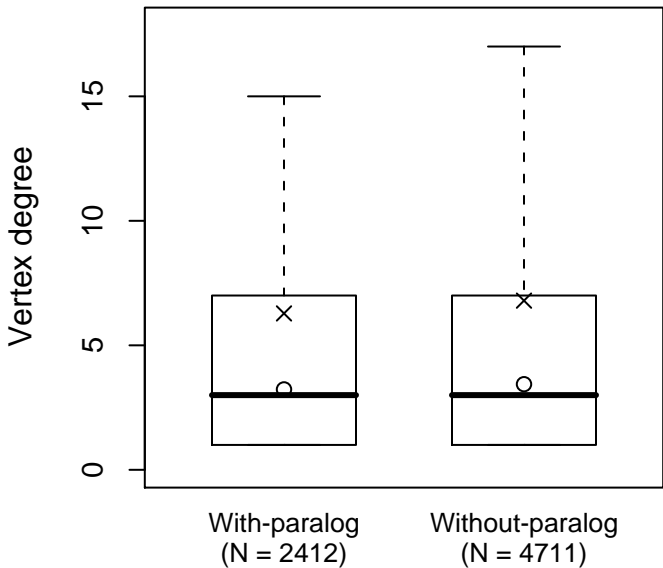
Without-paralog  
(N = 641)

# C

Length

$507 \pm 387$

$593 \pm 644$

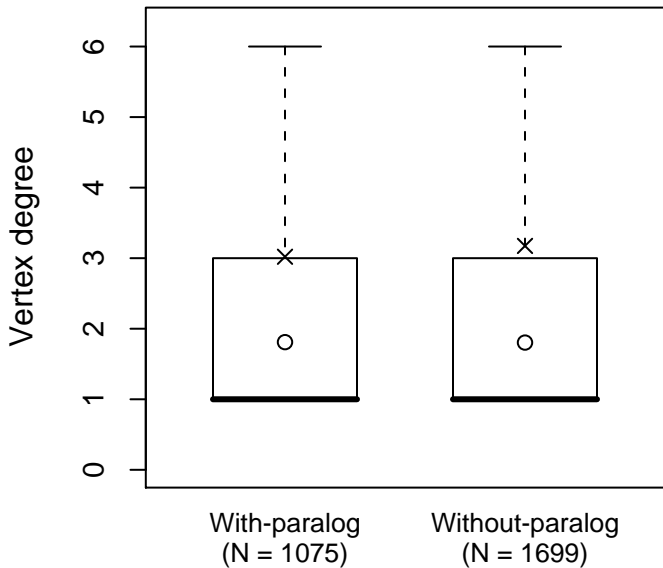


# D

Length

$432 \pm 297$

$502 \pm 459$

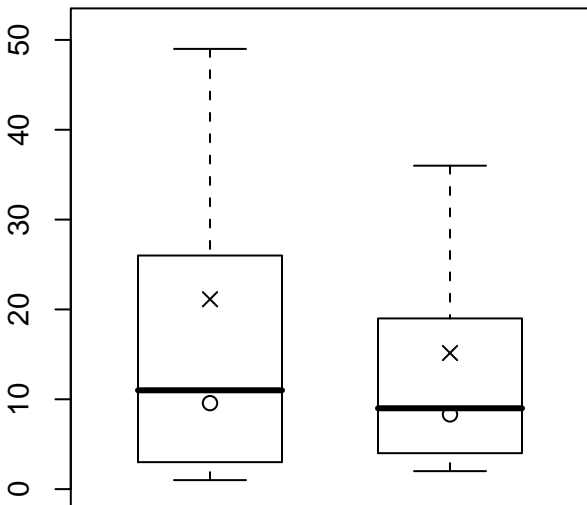


Length

$485 \pm 277$

$606 \pm 444$

Vertex degree



With-paralog  
(N = 342)

Without-paralog  
(N = 2053)



Length

$419 \pm 260$

$501 \pm 360$

Vertex degree

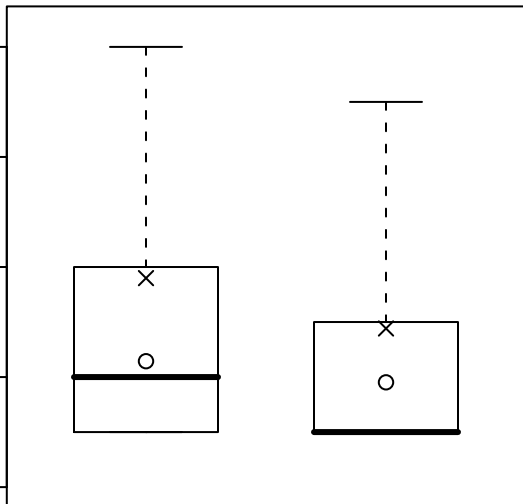
8

6

4

2

0



With-paralog  
(N = 973)

Without-paralog  
(N = 290)



# G

	RESAMPLING PROCEDURE				U TEST
	Mean		Geom. Mean		
	p	Z	p	Z	
<i>H. sapiens</i>	0.0043	2.8	<2.0E-06	4.7	1.5E-06
<i>M. musculus</i>	>0.05	1.7	0.011	2.5	0.004

Z indicates difference between real data and the resampling mean given in standard deviations of the resampling mean.

# H

	RESAMPLING PROCEDURE				U TEST
	Mean		Geom. Mean		p
	p	Z	p	Z	
<i>D. melanogaster</i>	0.044	-2.0	0.019	-2.3	0.025
<i>C. elegans</i>	>0.05	-0.6	>0.05	0.1	>0.05

Z indicates difference between real data and the resampling mean given in standard deviations of the resampling mean.



|

	RESAMPLING PROCEDURE				U TEST
	Mean		Geom. Mean		
	p	Z	p	Z	p
<i>C. neoformans</i>	2.2E-05	4.7	0.022	2.3	0.022
<i>A. thaliana</i>	3.7E-04	3.1	1.9E-04	3.6	3.2E-04

Z indicates difference between real data and the resampling mean given in standard deviations of the resampling mean.