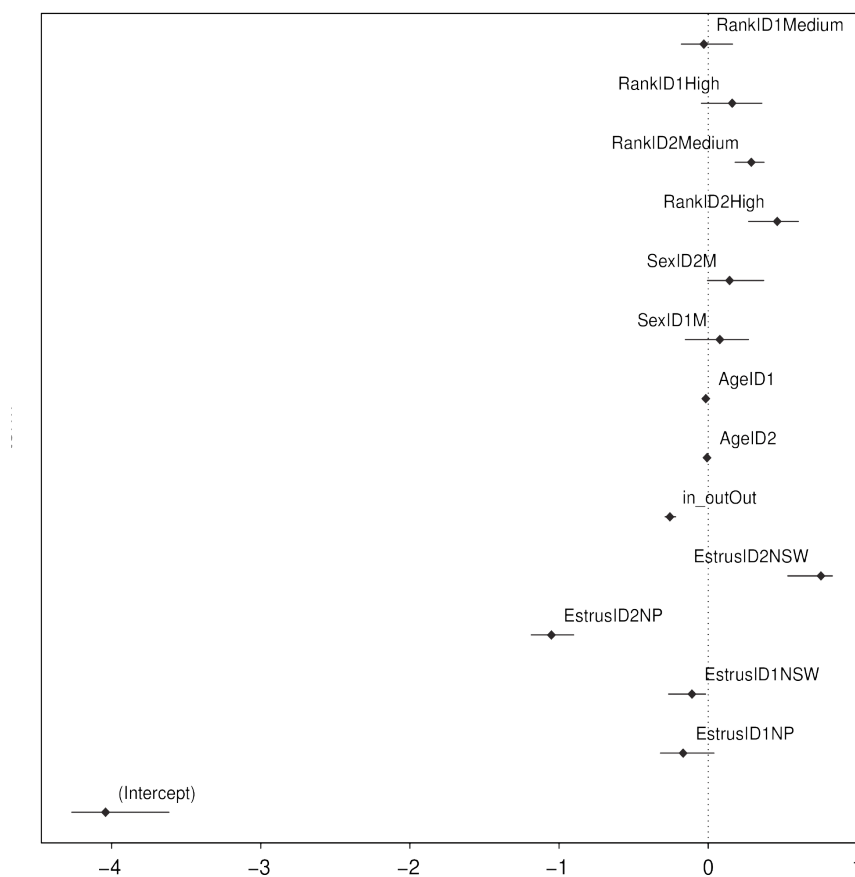


Do chimpanzees (*Pan troglodytes*) console a bereaved mother?, Primates, Zoë Goldsborough<sup>1\*</sup>,  
Edwin J. C. van Leeuwen, Kayla W. T. Kolff, Frans B. M. de Waal, Christine E. Webb

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## Online Resource 2 – Supplemental results



**Figure 5 – Model stability of the group-level analysis.** Lines indicate the range of parameter estimates based on sequential removal (with replacing) of subjects and re-running the model. The obtained estimate ranges are judged to be reasonable and expected given the relatively small sample size (n=15).

**Table 3 – Generalized Linear Mixed Model output of the group-level analysis**

<b>Effect</b>	$\chi^2$	<b>df</b>	<b>P</b>	<b>Estimate <math>\pm</math>SD (P)</b>
Intercept	a	a	a	-4.378 $\pm$ 0.575
Age Actor	6.642	1	0.010**	-0.026 $\pm$ 0.009
Age Recipient	0.274	1	0.610	-0.004 $\pm$ 0.008
Estrus Actor (ref: not swollen)	1.514	2	0.469	Pregnant: -0.194 $\pm$ 0.168 (0.248) Swollen: -0.050 $\pm$ 0.082 (0.542)
Estrus Recipient (ref: not swollen)	127.770	2	<0.001***	Pregnant: -0.812 $\pm$ 0.321 (0.011) Swollen: 0.757 $\pm$ 0.068 (<0.001)
In/out (ref: In)	2.136	1	0.144	-0.264 $\pm$ 0.179
Rank Actor (ref: Low)	1.097	2	0.578	Medium: -0.170 $\pm$ 0.250 (0.497) High: -0.344 $\pm$ 0.323 (0.287)
Rank Recipient (ref: Low)	0.727	2	0.695	Medium: 0.192 $\pm$ 0.235 (0.413) High: 0.205 $\pm$ 0.297 (0.491)
Sex Actor (ref: Female)	2.375	1	0.123	0.471 $\pm$ 0.293
Sex Recipient (ref: Female)	2.588	1	0.108	0.432 $\pm$ 0.266

<sup>a</sup> Not indicated because of having a limited interpretation

**Table 4 – Overview of incidences of contact aggression.** Both initiated by and directed at Moni and Erika per month of the study period, including when the amount of instances that they received support (i.e. another individual joins the conflict on their behalf)

Month	Moni			Erika		
	#Victim	#Aggressor	#Support	#Victim	#Aggressor	#Support
Nov	3	0	1	1	0	0
Dec	1	0	0	3	2	1
Jan	2	1	0	3	1	0
Feb	9	2	2	0	0	0
Mar	3	0	1	2	2	0
Apr	1	0	0	0	1	0
May- Jun*	2	0	2	1	2	0

\* Only one day was observed in June

**Table 3. Selective overview of affiliation patterns during the immediate months pre- and post-event.**

For each receiver of affiliation, we counted how many previously non-affiliating group members started affiliating in the post-event month, and how many of them assumed an affiliation rate higher than the mean affiliation rate in the post-event month (0.08/h).

Receiver	Non-affiliating to affiliating (in individuals)	New affiliation rate > mean (0.08/h)	Names of the actors of > mean increase
Erika	4	0	
Fons	3	1	Erika
Gaby	4	1	Moni
Geisha	1	0	
Ghineau	2	1	Tesua
Giambo	0	0	
Jimmie	4	1	Tushi
Jing	2	0	
Moni	5	3	Ghineau, Morami, Tushi
Moniek	2	0	
Morami	3	2	Erika, Moni
Raimee	1	0	
Roosje	2	1	Jing
Tesua	1	0	
Tushi	1	0	