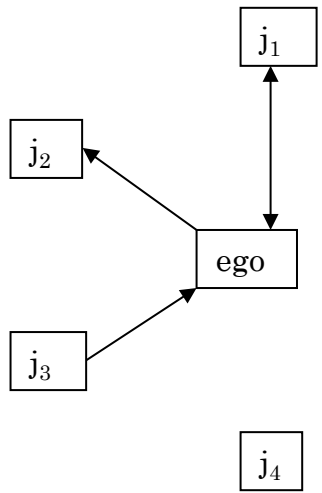
A Simple Example

	outdegree	reciprocity
$f_{ego}(\beta, x) =$	$-2 \sum_j x_{ij}$	$+ 1.8 \sum_j x_{ij} x_{ji}$

	Outdegree	Reciprocity	Sum
	b = -2	b = +1.8	
Current	-2 * 2 = -4	1.8 * 1 = 1.8	-2.2
Drop tie to j_1	-2 * 1 = -2	1.8 * 0 = 0	-2
Drop tie to j_2	**-2 * 1 = -2**	**1.8 * 1 = 1.8**	**-.2**
Add tie to j_3	-2 * 3 = -6	1.8 * 2 = 3.6	-2.4
Add tie to j_4	-2 * 3 = -6	1.8 * 1 = 1.8	-4.2



Given the current state of the network, ego is most likely to drop their tie to j_2.

Remember actor oriented, so only evaluating changes for outgoing ties.