











Sripad Devalkar, Milind Sohoni, and Neha Sharma. 2017. "Payment for Results: Funding non-profit operations."	
Funding models for non-profit operations	
Analyzing funding models	











Resea	arch questions
•	How should the donor design a PfR contract?
•	exert?
•	Under what conditions does PfR lead to higher expected utility for the donor compared to TF, and vice-versa?
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The Human Resources Problem	
Increasing volunteering in the non-profit sector	or
Milind Sohoni, Sandeep Chitla, Arun Rout, and Aditya Mallya. 2018. "How should a NPO increase volunteering commitment: Empirical evidence from Teach For India."	
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Matriculation events			
	Experiential events – Classroom visits – Community visits		
•	 Informative events Application support meetings Fellow and alumni meetings Coffee chats 		
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		Experiential events	Informative events after
Mahalanobis distance matching	Average treatment effect	0.263***	0.304***
	95% confidence interval	(0.180,0.347)	(0.239,0.368)
	No of treated units	220 (of 220)	316 (of 316)
	No of matches	220 (of 2765)	316 (of 2669)
Propensity score matching Coarse exact matching	Xbalance (p-value)	0.998	0.999
	Average treatment effect	0.217***	0.321***
	95% confidence interval	(0.130,0.304)	(0.255,0.388)
	No of treated units	207 (of 220)	305 (of 316)
	No of matches	207 (of 2765)	305 (of 2669)
	Xbalance (p-value)	0.994	0.929
	Average treatment effect	0.223***	0.292***
	95% confidence interval	(0.114,0.332)	(0.216,0.381)
-	No of treated units	98 (of 220)	154 (of 316)
	No of matches	211 (of 2765)	283 (of 2669)



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A data-driven optimization model to assign events			
 Our finding that events increase the chance of matriculation significantly leads to setting up a natural optimization problem that maximizes matriculation "yield" 			
 First, we estimate the propensity (probability estimates) of attending an event for each offered candidate. Then, we solve, iteratively, a constrained assignment problem after each application round 			
maximize	Expected matriculation yield,		
by	Deciding which events to offer (after an application ro and which candidates to invite (including ones from previous rounds)	und)	
subject to	Capacity and budgetary constraints.		
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Future research	
First, TFI, is now considering piloting a project to operationalize some of our findings.	
Second, TFI will continue to work with us to understand participant attrition during the two years of the Fellowship program.	
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