Variable importance, model rf-male previous\_Hb recent\_deferrals warm\_season -Hb\_first country recent\_donations -Variable BE FL NLdays\_to\_previous\_fb -SA age previous\_Hb\_def hour consecutive\_deferrals -0.10 0.00 0.05 Mean absolute attribution

Variable importance, model rf-female previous\_Hb recent\_deferrals warm\_season days\_to\_previous\_fb country Hb\_first -BE Variable FL NL age -SA recent\_donations previous\_Hb\_def hour consecutive\_deferrals -0.03 0.06 0.09 0.00 Mean absolute attribution

Variable importance, model svm-male previous\_Hb warm\_season -Hb\_first days\_to\_previous\_fb country recent\_deferrals -BE Variable FL NL recent\_donations -SA previous\_Hb\_def age consecutive\_deferrals hour -0.5 1.0 0.0 Mean absolute attribution

Variable importance, model svm-female previous\_Hb days\_to\_previous\_fb recent\_deferrals recent\_donations country Hb\_first -BE Variable FL NL warm\_season -SA previous\_Hb\_def age hour consecutive\_deferrals -0.25 0.75 0.00 0.50 Mean absolute attribution

Variable importance, model Imm-male Hb\_first hour days\_to\_previous\_fb warm\_season country Variable ΒE recent\_donations -FL NL age previous\_Hb\_def recent\_deferrals consecutive\_deferrals -0.05 0.10 0.00 0.15 0.20 Mean absolute attribution

Variable importance, model Imm-female Hb\_first days\_to\_previous\_fb age hour country Variable ΒE recent\_donations -FL NL warm\_season consecutive\_deferrals recent\_deferrals previous\_Hb\_def -0.05 0.15 0.00 0.10 Mean absolute attribution

Variable importance, model dlmm-male previous\_Hb hour days\_to\_previous\_fb warm\_season country Variable BE FL age -NL SA recent\_donations previous\_Hb\_def recent\_deferrals consecutive\_deferrals -0.02 0.04 0.06 0.00 Mean absolute attribution

Variable importance, model dlmm-female age days\_to\_previous\_fb previous\_Hb hour country ΒE Variable FL warm\_season -NLSA recent\_donations consecutive\_deferrals recent\_deferrals previous\_Hb\_def -0.000 0.025 0.050 0.075 Mean absolute attribution