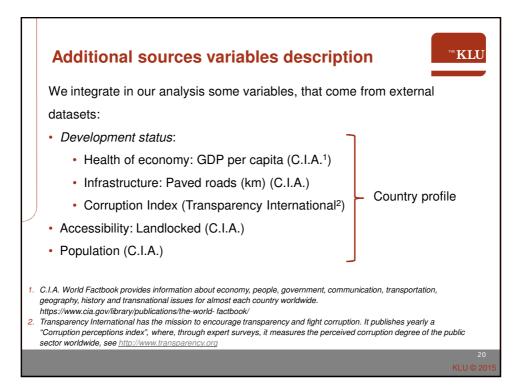
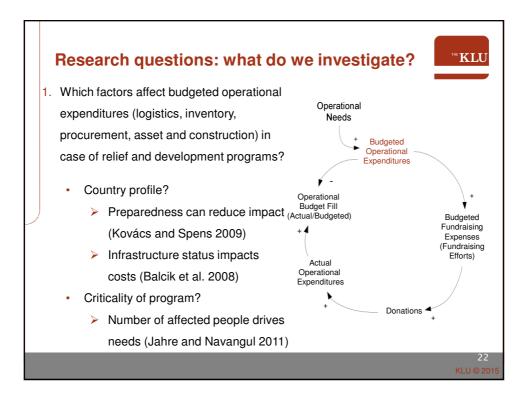


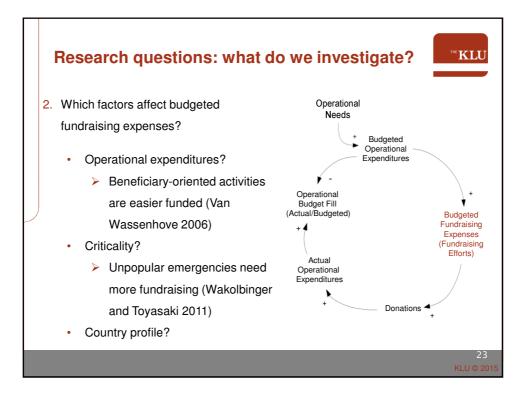
9



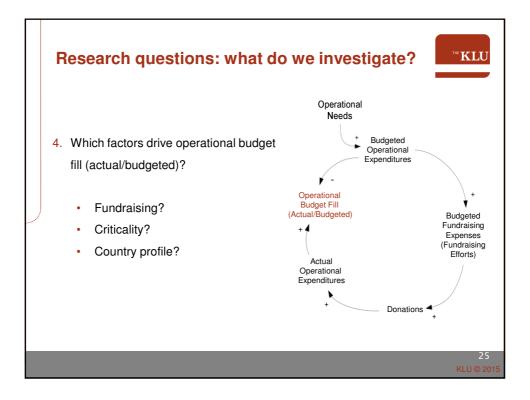


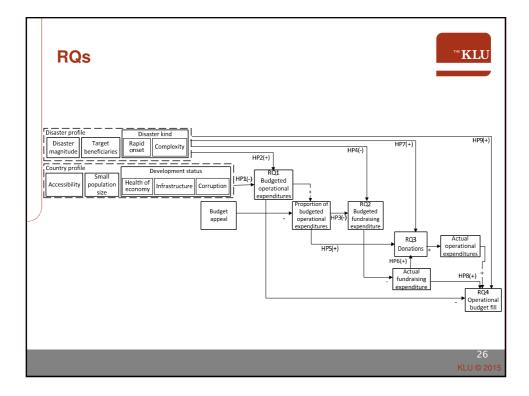
In case of relief, we f	urther divide our datas	et in the following categories:
Type of disaster	Disaster response operations	<ul> <li>Rapid-onset: flood, storm, volcano, etc.</li> </ul>
Rapid-onset	41	Slow-onset: drought, etc.
Slow-onset	23	
Type of disaster	Disaster response	
Type of disaster	operations	<ul> <li>Complex emergency: when more than one type of disaster</li> </ul>
Complex	16	occurs at the same time (e.g.:
Non-complex	46	earthquake + tsunami)

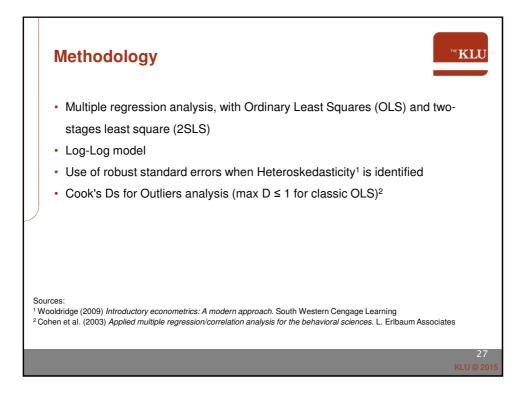


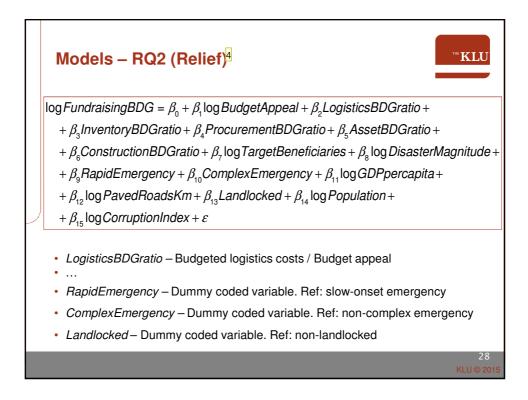




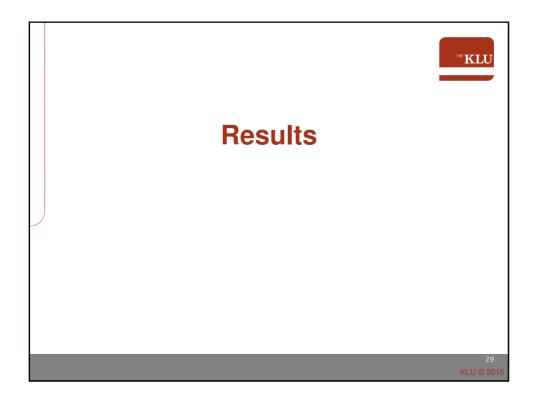




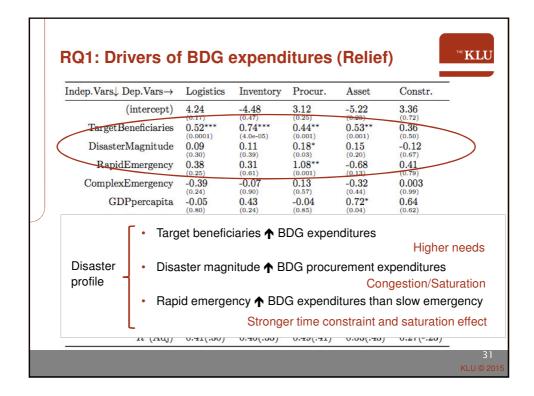


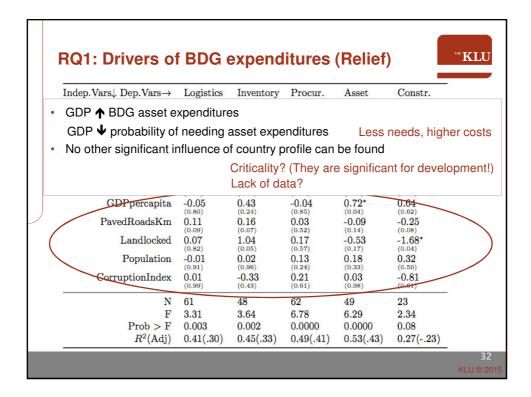


4 MARIA: I thought to show better this model (it is the only one that I am showing in my presentation) as you have the change to explain what LogisticsBDGratio and the other ratios are. Laura Turrini; 27.10.2015

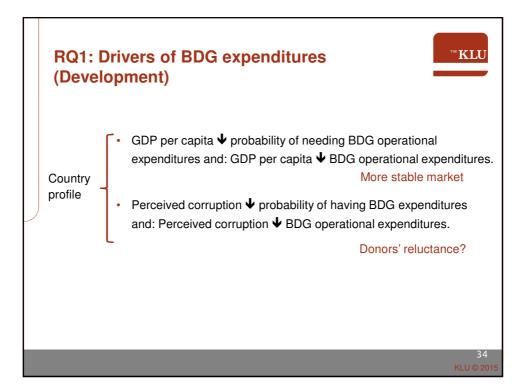


ndep.Vars↓ Dep.Vars→	Logistics	Inventory	Procur.	Asset	Constr.
(intercept)	4.24	-4.48	3.12	-5.22	3.36
TargetBeneficiaries	(0.17) $0.52^{***}$ (0.0001)	(0.47) 0.74*** (4.0e-05)	(0.25) 0.44** (0.001)	(0.23) 0.53** (0.001)	(0.72) 0.36 (0.50)
DisasterMagnitude	0.09	0.11 (0.39)	0.18*	0.15	-0.12 (0.67)
RapidEmergency	0.38	0.31	1.08**	-0.68 (0.13)	0.41
ComplexEmergency	-0.39	-0.07 (0.90)	0.13	-0.32 (0.44)	0.003
GDPpercapita	-0.05	0.43	-0.04	0.72*	0.64
PavedRoadsKm	0.11	0.16	0.03	-0.09	-0.25 (0.08)
Landlocked	0.07	1.04	0.17	-0.53 (0.17)	$-1.68^{*}$ (0.04)
Population	-0.01 (0.91)	0.02 (0.96)	0.13 (0.24)	0.18 (0.33)	0.32
CorruptionIndex	0.01 (0.99)	-0.33 (0.43)	0.21 (0.61)	0.03 (0.98)	-0.81 (0.61)
N	61	48	62	49	23
F	3.31	3.64	6.78	6.29	2.34
Prob > F	0.003	0.002	0.0000	0.0000	0.08
$R^2(\text{Adj})$	0.41(.30)	0.45(.33)	0.49(.41)	0.53(.43)	0.27(23)



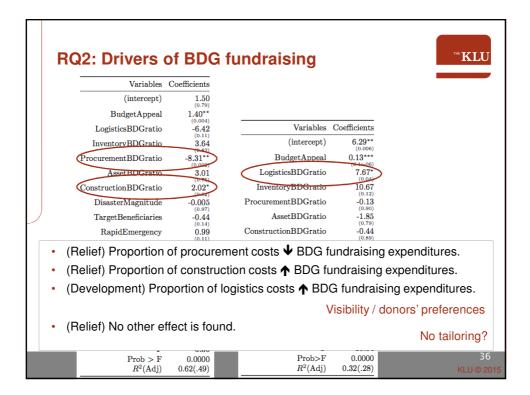


RQ1: Drivers of BDG expenditures						
(Development) <sup></sup> <sup>[5</sup>			2014			
Indep.Vars $\downarrow$ Dep.Vars $\rightarrow$	Logistics	Inventory	Procur.	Asset	Constr.	
(intercept)	16.14*** (4.3e-18)	17.73*** (5.6e-05)	15.82*** (5.6e-13)	13.12*** (3.9e-08)	14.00*** (6.9e-05)	
AppealFillPreviousYear	$0.48^{*}$	0.36	0.60**	0.66*	0.92* (0.01)	
<b>GDP</b> percapita	-0.54*** (5.9e-06)	-0.49* (0.02)	-0.37** (0.009)	-0.27 (0.13)	0.23	
PavedRoadsKm	0.003	0.10	0.02	0.07	-0.02	
Landlocked	0.23	-0.003	0.45	0.13	0.08	
Population	0.10 (0.21)	-0.15 (0.43)	0.14 (0.09)	0.09 (0.31)	0.04 (0.79)	
CorruptionIndex	-1.02*** (0.0009)	-1.10* (0.02)	-1.26*** (0.0005)	-1.09** (0.007)	2.11*** (7.9e-05)	
N	186	92	174	132	70	
F	12.72	2.47	9.73	7.15	6.61	
Prob>F	0.0000	0.03	0.0000	0.0000	0.0000	
$R^2$ (Adj)	0.27(.25)	0.13(.07)	0.26(.23)	0.22(.19)	0.29(.22)	



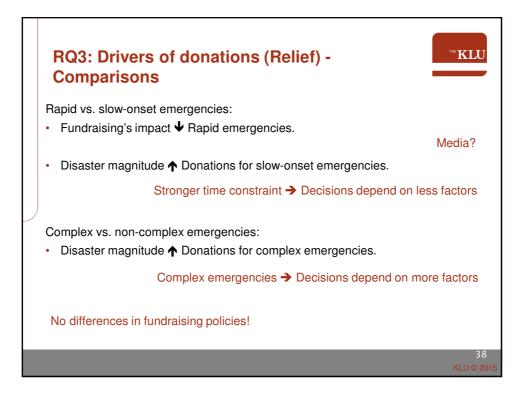
5 Logistic regression is at the end if you need it Laura Turrini; 27.10.2015

	penditu	res		THE KL
$\rightarrow$ Logistics	Inventory	Procur.	Asset	Constr.
pt) $16.14^{***}$	17.73***	15.82***	13.12***	14.00*** (6.9e-05)
	0.36 (0.47)	0.60** (0.009)	0.66* (0.01)	0.92*
	-0.49* (0.02)	-0.37** (0.009)	-0.27 (0.13)	0.23
$m_{(0.91)}^{0.003}$	0.10 (0.33)	0.02 (0.53)	0.07 (0.18)	-0.02 (0.82)
od 0.92	0.002	0.45	0.19	0.09
s year 🛧 (prob	ability of nee	eding) BDG		ent fidence?
	0.00	0.0000	0.0000	0.0000
dj) 0.27(.25)	0.13(.07)	0.26(.23)	0.22(.19)	0.29(.22)
	) 6 $\rightarrow$ Logistics pt) 16.14*** (4.3e-18) par 0.48* (0.02) par 0.48* (5.9e-06) m 0.003 (0.91) m d 0.92 par 0.92 par 0.92	) 6 ⇒ Logistics Inventory ot) 16.14*** 17.73*** (3.3e-18) (5.6e-05) ear 0.48* 0.36 (0.02) (0.47) ita -0.54*** -0.49* (5.9e-06) (0.02) Cm 0.003 0.10 (0.91) (0.33) ed 0.92 0.002 S year ↑ (probability of new -1 0.0000 0.05	$\begin{array}{r c c c c c c c c c c c c c c c c c c c$	) 6 ⇒ Logistics Inventory Procur. Asset ot) 16.14*** 17.73*** 15.82*** 13.12*** (4.36-18) (5.66-05) (5.66-13) (3.96-98) or 0.48* 0.36 0.60** 0.66* (0.02) (0.47) (0.009) (0.01) ita -0.54*** -0.49* -0.37** -0.27 (5.96-06) (0.02) (0.009) (0.13) Cm 0.003 0.10 0.02 0.07 (0.91) (0.33) (0.53) (0.18) ord 0.92 0.002 0.45 0.12 S year ↑ (probability of needing) BDG procurement Con



6 Logistic regression is at the end if you need it Laura Turrini; 27.10.2015

(intercept)	Coefficients			
(moorcopt)	2.46			
FundraisingACT	(0.34)			
LogisticsBDGratio	(0.0002)	Variables	Coefficients	
InventorvBDGratio	(0.65)	(intercept)	6.28	
ProcurementBDGratio	3.87***	FundraisingACT	0.63**	<ul> <li>Fundraising</li></ul>
AssetBDGratio	(2.4e-05) 4.56	LogisticsBDGratio	-6.36	Awarenes
ConstructionBDGratio	(0.30) -0.38	InventoryBDGratio	(0.36) -12.97	<ul> <li>Procurement ratio </li> </ul>
TargetBeneficiaries		ProcurementBDGratio	(0.38) 1.16 (0.64)	Donations (relief)
DisasterMagnitude	(1.9e-08) 0.10	AssetBDGratio	-2.46	
RapidEmergency		ConstructionBDGratio	5.60 (0.21)	Visibility / Beneficiaries
ComplexEmergency	(0.49) 0.07	DonationsPreviousYear	0.07	oriented
GDPpercapita		GDPpercapita	(0.61) -2.66	<ul> <li>Target beneficiaries </li> </ul>
PavedRoadsKm		PavedRoadsKm	(0.14) -0.13	Donations (relief)
Landlocked		Landlocked	(0.08) -0.24	Managara
Population		Population	(0.57) 0.31**	More output
CorruptionIndex	(0.85) -0.02 (0.96)	CorruptionIndex	(0.005) -0.66 (0.25)	
N		N	215	
Wald chi <sup>2</sup> Prob>chi <sup>2</sup>		Wald chi <sup>2</sup> Prob>chi <sup>2</sup>	107.88 0.0000	



RQ4: Drive	ers of	opera	itiona	l budç	get fil	I (Relief)
Indep.Vars $\downarrow$ Dep.Vars $\rightarrow$	Logistics	Inventory	Procur.	Asset	Constr.	Fundraising expenditures
(intercept)	-4.04 (0.15)	-11.77	-5.63 (0.16)	-20.47*	-2.25 (0.83)	▲ Fill of Logistics,
$CostBDG_i$	-0.31*	-0.50***	-0.14	-0.66***	-0.46***	
FundraisingACT	(0.02) $0.47^*$	(4.9e-06) 0.66***	(0.59) 0.47	(1.3e-05) 0.61**	0.26	Inventory and Asset
AppealFill	(0.01) 2.07** (0.003)	(0.0002) 3.47 <sup>+</sup> (0.04)	(0.13) 2.61 (9.00)	(0.002) 4.48* (0.01)	-0.05	expenditures
TargetBeneficiaries	-0.26*	0.47	-0.51*	0.70*	-0.01	IFRC feels "compelled
DisasterMagnitude	(0.04) -0.04 (0.68)	(0.21) -0.29 (0.09)	(0.03) -0.11 (0.40)	(0.03) -0.18 (0.51)	(0.98) -0.001 (0.99)	<ul> <li>Appeal fill</li></ul>
RapidEmergency	-0.42	1.28	-0.45 (0.55)	0.34	2.56	Logistics, Inventory and
ComplexEmergency	-0.56 (0.23)	-0.17 (0.82)	-0.82 (0.18)	-0.31 (0.78)	0.84 (0.46)	Asset expenditures
GDPpercapita	0.19	0.81	0.44	0.08	-0.47 (0.55)	Low priority
PavedRoadsKm	-0.05	-0.02	-0.05	-0.16	-0.51 (0.11)	Other effects
Landlocked	0.04	-0.27	-0.02	0.03	-2.47	Over/under estimation
Population	0.20	0.11	0.23	0.14	0.18	
CorruptionIndex	0.17 (0.66)	-1.20 (0.27)	0.22 (0.67)	2.69 (0.08)	1.70 (0.27)	Similar results in the cas
N	62	62	62	62	62	of development
F	2.76	7.11	3.37	5.96	2.38	
$ ext{Prob}> ext{F}$ $R^2( ext{Adj})$	$0.006 \\ 0.69(.61)$	$0.0000 \\ 0.62(.53)$	$0.001 \\ 0.45(.32)$	$0.0000 \\ 0.56(.46)$	$0.016 \\ 0.42(.28)$	
						- 39

