Online Annex.

A. List of Priorities and Indicators of the Hyogo Framework for Action

Priority 1: Making disaster risk reduction a policy priority, institutional strengthening

1.1 National policy and legal framework for disaster risk reduction exists with decentralised responsibilities and capacities at all levels.
1.2 Dedicated and adequate resources are available to implement disaster risk reduction plans and activities at all administrative levels.
1.3 Community Participation and decentralisation is ensured through the delegation of authority and resources to local levels.
1.4 A national multi sectoral platform for disaster risk reduction is functioning.

Priority 2: Risk assessment and early warning systems

2.1 National and local risk assessments based on hazard data and vulnerability information are available and include risk assessments for key sectors.
2.2 Systems are in place to monitor, archive and disseminate data on key hazards and vulnerabilities.
2.3 Early warning systems are in place for all major hazards, with outreach to communities.
2.4 National and local risk assessments take account of regional / trans- boundary risks, with a view to regional cooperation on risk reduction.

Priority 3: Education, information and public awareness

3.1 Relevant information on disasters is available and accessible at all levels, to all stakeholders (through networks, development of information sharing systems etc.).
3.2 School curricula, education material and relevant trainings include disaster risk reduction and recovery concepts and practices.
3.3 Research methods and tools for multi-risk assessments and cost benefit analysis are developed and strengthened.
3.4 Countrywide public awareness strategy exists to stimulate a culture of disaster resilience, with outreach to urban and rural communities.

Priority 4: Reducing underlying risk factors

4.1 Disaster risk reduction is an integral objective of environment related policies and plans, including for land use natural resource management and adaptation to climate change.
4.2 Social development policies and plans are being implemented to reduce the vulnerability of populations most at risk.
4.3 Economic and productive sectorial policies and plans have been implemented to reduce the vulnerability of economic activities.
4.4 Planning and management of human settlements incorporate disaster risk reduction elements, including enforcement of building codes.
4.5 Disaster risk reduction measures are integrated into post disaster recovery and rehabilitation processes.
4.6 Procedures are in place to assess the disaster risk impacts of major development projects, especially infrastructure.

Priority 5: Preparedness for effective response

5.1 Strong policy, technical and institutional capacities and mechanisms for disaster risk management, with a disaster risk reduction perspective are in place.
5.2 Disaster preparedness plans and contingency plans are in place at all administrative levels, and regular training drills and rehearsals are held to test and develop disaster response programmes.
5.3 Financial reserves and contingency mechanisms are in place to support effective response and recovery when required.
5.4 Procedures are in place to exchange relevant information during hazard events and disasters, and to undertake post-event reviews.

B. Correlation Table

	Previous status	Occurrences	Occ. (hist.)	Deaths (rel.)	Damage (rel.)	Affected (rel.pop.)	Deaths (hist.)	Damage (hist.)	Affected (hist.)	School enroll primary	School enroll second.	Gov. Eff.	Voice & Account.	GDP/ capita	ODA	ODA (rel.)
Previous Status	1															
Occurrences	0.0375	1														
Occurrences (hist.)	0.103	0.947***	1													
Deaths (relational)	0.170	-0.0570	-0.0465	1												
Damage (relational)	0.0536	-0.0595	-0.0401	0.815***	1											
Affected (relational pop)	-0.0815	0.00221	0.0261	0.00519	0.152	1										
Deaths (hist.)	-0.0281	0.593***	0.512***	-0.0954	-0.0627	-0.0156	1									
Damage (hist.)	0.172	0.701***	0.799***	0.0582	-0.0348	-0.0591	0.0522	1								
Affected (hist.)	0.0218	0.493***	0.441***	-0.0452	-0.0233	0.0449	0.464***	0.0639	1							
School enrolment primary	0.0250	0.0941	0.0520	-0.0765	0.0136	0.159	0.0525	-0.0678	0.0895	1						
School enrolment secondary	0.524***	-0.0879	-0.0387	0.226*	0.0561	-0.0407	-0.189*	0.0972	-0.148	0.135	1					
Government effectiveness (wbgi_gee)	0.618***	0.0164	0.0856	0.334***	0.165	-0.110	-0.160	0.287**	-0.0892	-0.0756	0.681***	1				
Voice and Accountability (wbgi_vae)	0.552***	0.0702	0.0915	0.291**	0.138	-0.118	-0.0922	0.220*	0.00787	0.0146	0.553***	0.885***	1			
GDP/capita	0.556***	0.0183	0.0850	0.285**	0.0934	-0.161	-0.173	0.299**	-0.139	-0.0601	0.551***	0.848***	0.744***	1		
Official Development Aid (ODA)	-0.200*	0.164	0.149	-0.130	-0.0751	0.0503	0.241*	-0.0866	0.325***	0.00240	-0.594***	-0.460***	-0.426***	-0.391***	1	
ODA (relational years before)	-0.0334	0.00537	0.0192	-0.0269	-0.00708	0.0403	0.0286	-0.0236	0.0512	0.0139	-0.0697	-0.146	-0.181	-0.112	0.165	1

* $p < 0.05$. ** $p < 0.01$. *** $p < 0.001$

C. Brant Test Results

The Brant test tests the assumption of parallel lines or proportional odds. It models coefficients dependent on the category of the dependent variable, and then checks whether the coefficients are substantially different. Thus, significant results confirm violations of the assumption of parallel lines, meaning that it is highly likely that the predictor coefficients are different depending on category of the dependent variable.

Due to low sampler sizes, higher thresholds of significance were used for in the modelling.

Table C1. Brant test of parallel regression assumption.

Variable	with no. of reports (df 19)		without no. of reports (df 17)	
	chi2	p>chi2	chi2	p>chi2
All	24.76	0.168	20.77	0.237
Previous status	1.99	0.158	1.05	0.305
Occurrences	2.08	0.149	2.47	0.116
Governance Effectiveness	1.18	0.276	1.06	0.304
Occ. # Gov.Eff.	0.02	0.877	0.04	0.851
Deaths (rel.)	1.51	0.219	1.41	0.235
Damage (rel.)	0.00	0.976	0.00	0.963
Affected (rel. pop.)	0.28	0.595	0.32	0.569
Voice & Accountability	1.37	0.241	1.26	0.261
Affec. (rel.pop.) # V&A	0.15	0.703	0.07	0.791
Occurrences (hist.)	3.11	0.078	4.00	0.045
Deaths (hist.)	0.04	0.842	0.02	0.893
Damage (hist.)	1.52	0.218	1.18	0.278
Affected (hist.)	2.08	0.150	1.93	0.165
School enrol. (prim.)	2.84	0.092	2.33	0.127
School enrol. (sec.)	0.02	0.893	0.01	0.927
ODA	0.00	0.984	0.04	0.841
ODA (rel.)	0.00	0.961	0.02	0.899
3 reports submitted	0.69	0.407		
4 reports submitted	0.01	0.905		

Table C2. Estimated coefficients from binary logits.

Variable	with no. of reports (df 19)		without no. of reports (df 17)	
	y_gt_1	y_gt_2	y_gt_1	y_gt_2
Previous status	-2.083	-3.703	-2.156	-3.367
	-2.00	-4.02	-2.06	-3.88
Occurrences	0.199	-0.077	0.199	-0.079
	1.08	-0.81	1.16	-0.87
Governance Effectiveness	2.607	0.833	2.619	0.963
	1.81	0.76	1.82	0.89
Occ. # Gov.Eff.	-0.304	-0.273	-0.314	-0.277
	-1.77	-2.01	-1.83	-2.08
Deaths (rel.)	1.834	-2.283	1.895	-2.036
	0.57	-2.13	0.59	-2.07
Damage (rel.)	0.705	0.658	0.641	0.575
	0.47	1.67	0.46	1.57
Affected (rel. pop.)	18.624	8.639	18.242	7.671
	1.01	1.38	0.99	1.31
Voice & Accountability	-0.371	1.015	-0.290	0.988
	-0.38	1.11	-0.31	1.11
Affec. (rel.pop.) # V&A	18.028	9.385	17.070	11.084
	0.83	0.99	0.79	1.19
Occurrences (hist.)	-0.060	0.011	-0.059	0.009
	-1.67	0.48	-1.94	0.41
Deaths (hist.)	0.001	-0.006	0.001	-0.004
	0.03	-0.31	0.02	-0.22
Damage (hist.)	0.114	0.001	0.121	0.021
	1.36	0.01	1.41	0.46
Affected (hist.)	0.241	-0.002	0.226	-0.002
	1.43	-0.70	1.38	-0.69
School enrol. (prim.)	-0.093	0.006	-0.087	-0.000
	-1.60	0.13	-1.58	-0.01
School enrol. (sec.)	0.052	0.058	0.049	0.045
	1.33	2.30	1.31	1.93
ODA	0.001	0.001	0.001	0.001
	0.92	1.99	0.99	1.68
ODA (rel.)	-0.161	-0.131	-0.204	-0.102
	-0.27	-0.92	-0.25	-0.76
3 reports submitted	0.415	-0.833		
	0.33	-0.73		
4 reports submitted	0.468	0.302		
	0.41	0.28		
Constant	12.670	5.449	12.911	5.972
	2.00	1.29	2.16	1.43