

Randomness

1. Numpy supports 35 different type of random functions vs 9 of MXNet
2. Functions that are supported by Numpy all return floats (so do MXNet)

To Do

- Include support for all 9 fxns in MXNet with integer
- Or like Numpy have a separate randint function (basically discrete uniform distribution)

	Numpy	-	MXNet
1			
2	beta		exponential
3	binomial		gamma
4	chisquare		generalized_negative_binomial
5	dirichlet		negative_binomial
6	exponential		normal
7	f		poisson
8	gamma		uniform
9	geometric		multinomial
10	gumbel		shuffle
11	hypergeometric		
12	laplace		
13	logistic		
14	lognormal		
15	logseries		
16	multinomial		
17	multivariate_normal		
18	negative_binomial		
19	noncentral_chisquare (df, nonc[, size])		
20	noncentral_f(dfnum, dfden, nonc[, size])		
21	normal(loc, scale, size)		
22	pareto(a[, size])		
23	poisson(lam, size)		
24	power(a[, size])		
25	rayleigh(scale, size)		
26	standard_cauchy([size])		
27	standard_exponential([size])		
28	standard_gamma(shape[, size])		
29	standard_normal([size])		
30	standard_t(df[, size])		
31	triangular(left, mode, right[, size])		
32	uniform(low, high, size)		
33	vonmises(mu, kappa[, size])		

	size))		
34	wald(mean, scale[, size])		
35	weibull(a[, size])		
36	zipf(a[, size])		