

Distribution	Parameters	RMSE	K-S test	
			Statistic	<i>p</i> value
(Duration) Exponential (exp)	param_exp = 3.714	0.617	0.223	0.306
Gamma (gam)	param_gam1 = 1.421	0.625	1	0
	param_gam2 = 2.614			
Log-normal (lno)	param_lno1 = 3.714	0.668	1	0
	param_lno2 = 3.253			
Extreme value (ev)	param_ev1 = 5.319	0.498	1	0
	param_ev2 = 3.089			
Generalized extreme value (gev)	param_gev1=v = 3.722	0.668	1	0
	param_gev2 = 0.008			
	param_gev3 = 1.002			
Poisson (poisson)	param_poisson = 3.714	0.645	1	0
<b>Weibull (wbl)</b>	<b>param_wbl1 = 3.975</b>	<b>0.581</b>	<b>0.248</b>	<b>0.231</b>
	<b>param_wbl2 = 1.213</b>			
(Severity) Exponential (exp)	param_exp = 0.309	0.112	0.280	0.883
<b>Gamma (gam)</b>	<b>param_gam1 = 3.690</b>	<b>0.090</b>	<b>0.267</b>	<b>0.892</b>
	<b>param_gam2 = 0.084</b>			
Log-normal (lno)	param_lno1 = 0.310	0.237	0.423	0.423
	param_lno2 = 0.254			
Extreme value (ev)	param_ev1 = 0.393	0.127	0.280	0.883
	param_ev2 = 0.168			
Generalized extreme value (gev)	param_gev1 = 0.111	0.092	0.276	0.885
	param_gev2 = 0.119			
	param_gev3 = 0.227			
Poisson (poisson)	param_poisson = 0.310	0.329	0.714	0.028
Weibull (wbl)	param_wbl1 = 0.351	0.098	0.286	0.822
	param_wbl2 = 2.071			