```
client_ 0 freq:  [ 124  247  370  494  617  740  863  987 1110 1233]
client_ 1 freq:  [ 23  45  67  89 111 133 155 177 199 221]
client_ 2 freq:  [ 285  570  855 1140 1425 1710 1995 2280 2565 2850]
client_ 3 freq:  [ 180  359  538  717  896 1075 1254 1433 1612 1791]
```

Distribution	frequency	accuracy	Loss
Gamma	0 and 1 0.003434736528431101 0 and 2 0.0004235221400710032 0 and 3 0.00023239970384794582 1 and 2 0.0038582586685021038 1 and 3 0.003667136232279047 2 and 3 0.00019112243622305746 shape, loc, scale = stats.gamma.fit(pdf_global = stats.gamma.pdf(global_ for i in range(len(pdfs)): print(i," and global: " , stats. 0 and global: 1.8434289233200634 1 and global: 1.8399941867916325 2 and global: 1.8438524454601348 3 and global: 1.8436613230239116	0 and 1 5.683684051007309 0 and 2 143444960497.3366 0 and 3 2156489.5445661587 1 and 2 143444960495.4343 1 and 3 2156486.1401550444 2 and 3 143442804009.5443 shape, loc, scale = stats.gamma.fit(gl pdf_global = stats.gamma.pdf(global_lo for i in range(len(pdfs)): print(i," and global: " , stats.wa 0 and global: 5.672459061434061 1 and global: 0.1493532213338484 2 and global: 143444960495.42307 3 and global: 2156486.1321055098	0 and 1 32.17492189103793 0 and 2 11367774865.001427 0 and 3 845917210.2053082 1 and 2 11367774897.102348 1 and 3 845917242.28559 2 and 3 10521857655.403358 shape, loc, scale = stats.gamma.fit(glob pdf_global = stats.gamma.pdf(global_loss for i in range(len(pdfs)): print(i," and global: " , stats.wass 0 and global: 31.80061685023651 1 and global: 0.45133663924730205 2 and global: 11367774896.755451 3 and global: 845917241.9593326
Norm	0 and 1 0.0034347294959341194 0 and 2 0.000423521021172519 0 and 3 0.00023239923758620973 1 and 2 0.0038582505171066376 1 and 3 0.003667128733520329 2 and 3 0.00019112178358630922 shape, loc, scale = stats.gamma.fit(glob pdf_global = stats.gamma.pdf(global_loss for i in range(len(pdfs)): print(i," and global: " , stats.wass 0 and global: 1.843428924670801 1 and global: 1.8399941951748668 2 and global: 1.8438524456919734 3 and global: 1.8436613239083872	0 and 1 5.841140661025238 0 and 2 27.04899141681507 0 and 3 11.328323172707446 1 and 2 32.779431470648014 1 and 3 17.058763226540393 2 and 3 15.762350320546812 shape, loc, scale = stats.gamma.fit(pdf_global = stats.gamma.pdf(global_ for i in range(len(pdfs)): print(i," and global: " , stats. 0 and global: 5.854640356153329 1 and global: 0.16788562476721622 2 and global: 32.75977668195642 3 and global: 17.039108437848796	0 and 1 3.2862970539526226 0 and 2 2.123311451194831 0 and 3 1.002981604372629 1 and 2 5.336428568944012 1 and 3 3.0968774643789443 2 and 3 2.248488406083622 shape, loc, scale = stats.gamma.fit(g pdf_global = stats.gamma.pdf(global_l for i in range(len(pdfs)): print(i," and global: " , stats.w 0 and global: 2.9305107542470368 1 and global: 0.41737351824938285 2 and global: 5.028367526605045 3 and global: 2.7888164220399774

Lognorm	0 and 1 185350951.9852047
	0 and 2 185350951.98251408
	0 and 3 185306510.6399982
	1 and 2 0.003864591886156402
	1 and 3 44441.34520749887
	2 and 3 44441.34251687542
	
	`shape, loc, scale = stats.gamma.fit(g`
	`pdf_global = stats.gamma.pdf(global_l`
	
	`for i in range(len(pdfs)):`
	`  print(i," and global: " , stats.w`
	
	0 and global: 185350953.28432396
	1 and global: 1.8399878803785352
	2 and global: 1.8438524722646916
	3 and global: 44442.64432675565
		0 and 1 5.847567250990006
		0 and 2 27.027891013652496
		0 and 3 11.369987553326933
		1 and 2 32.76891514206236
		1 and 3 17.1110116817368
		2 and 3 15.700768237653994
		
		`shape, loc, scale = stats.gamma.fit(`
		`pdf_global = stats.gamma.pdf(global_`
		
		`for i in range(len(pdfs)):`
		`  print(i," and global: " , stats.`
		
		0 and global: 5.862248881526318
		1 and global: 0.1726686235825989
		2 and global: 32.7519415521645
		3 and global: 17.09403809183894
			0 and 1 4.11787187714934
			0 and 2 6710480984.6749325
			0 and 3 583064.2143398528
			1 and 2 6710480988.556154
			1 and 3 583067.8224502906
			2 and 3 6709897921.106725
			
			`shape, loc, scale = stats.gamma.fit(g`
			`pdf_global = stats.gamma.pdf(global_l`
			
			`for i in range(len(pdfs)):`
			`  print(i," and global: " , stats.w`
			
			0 and global: 3.7585863408949414
			1 and global: 0.4265099186435439
			2 and global: 6710480988.235094
			3 and global: 583067.527734141

Beta	0 and 1 0.09268191515652138
	0 and 2 0.0010198200978958603
	0 and 3 0.0006133063298432717
	1 and 2 0.09370173525441725
	1 and 3 0.09329522148636465
	2 and 3 0.0004065137680525886
	
	`shape, loc, scale = stats.gamma.fit(gl`
	`pdf_global = stats.gamma.pdf(global_lo`
	
	`for i in range(len(pdfs)):`
	`  print(i," and global: " , stats.wa`
	
	0 and global: 1.8421981081634045
	1 and global: 1.7495161930068828
	2 and global: 1.8432179282613004
	3 and global: 1.8428114144932477
		0 and 1 167726.10644856162
		0 and 2 10569260274639.908
		0 and 3 2919880819323.1943
		1 and 2 10569260442365.467
		1 and 3 2919880987048.06
		2 and 3 7649379455317.519
		
		`shape, loc, scale = stats.gamma.fit(gl`
		`pdf_global = stats.gamma.pdf(global_lo`
		
		`for i in range(len(pdfs)):`
		`  print(i," and global: " , stats.wa`
		
		0 and global: 167742.48078134423
		1 and global: 16.44036208608324
		2 and global: 10569260442381.533
		3 and global: 2919880987064.1245
			0 and 1 830.5612972774023
			0 and 2 18549006773.605564
			0 and 3 44997331305.65983
			1 and 2 18549007597.92662
			1 and 3 44997332129.83612
			2 and 3 26448324532.05426
			
			`shape, loc, scale = stats.gamma.fit(gl`
			`pdf_global = stats.gamma.pdf(global_lo`
			
			`for i in range(len(pdfs)):`
			`  print(i," and global: " , stats.wa`
			
			0 and global: 830.2261975834712
			1 and global: 0.35454809293668715
			2 and global: 18549007597.95653
			3 and global: 44997332129.98038

Burr	0 and 1 0.09268191515652138
	0 and 2 0.0010198200978958603
	0 and 3 0.0006133063298432717
	1 and 2 0.09370173525441725
	1 and 3 0.09329522148636465
	2 and 3 0.0004065137680525886
	
	`shape, loc, scale = stats.gamma.fit(glo`
	`pdf_global = stats.gamma.pdf(global_los`
	
	`for i in range(len(pdfs)):`
	`  print(i," and global: " , stats.was`
	
	0 and global: 1.8421981081634045
	1 and global: 1.7495161930068828
	2 and global: 1.8432179282613004
	3 and global: 1.8428114144932477
		0 and 1 167726.10644856162
		0 and 2 10569260274639.908
		0 and 3 2919880819323.1943
		1 and 2 10569260442365.467
		1 and 3 2919880987048.06
		2 and 3 7649379455317.519
		
		`shape, loc, scale = stats.gamma.fit(g`
		`pdf_global = stats.gamma.pdf(global_l`
		
		`for i in range(len(pdfs)):`
		`  print(i," and global: " , stats.w`
		
		0 and global: 167742.48078134423
		1 and global: 16.44036208608324
		2 and global: 10569260442381.533
		3 and global: 2919880987064.1245
			0 and 1 830.5612972774023
			0 and 2 18549006773.605564
			0 and 3 44997331305.65983
			1 and 2 18549007597.92662
			1 and 3 44997332129.83612
			2 and 3 26448324532.05426
			
			`shape, loc, scale = stats.gamma.fit(g`
			`pdf_global = stats.gamma.pdf(global_l`
			
			`for i in range(len(pdfs)):`
			`  print(i," and global: " , stats.wa`
			
			0 and global: 830.2261975834712
			1 and global: 0.35454809293668715
			2 and global: 18549007597.95653
			3 and global: 44997332129.98038