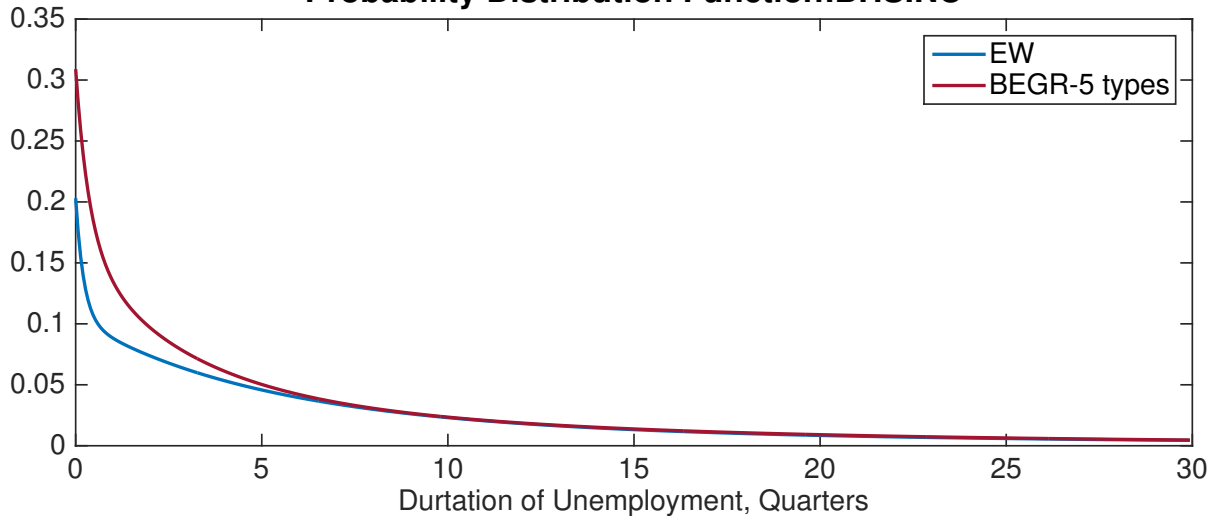


Table 1: Likelihood Values and Ratio Test

Number of Types	Likelihood Value	Ratio Test Stat.	P-Value
2	-212,951.22		
3	-208,651.85	8,598.75	0.0000
4	-205,299.65	6,704.40	0.0000
5	-204,375.04	1,849.23	0.0000

Table 2: KL Divergence

Group	2 types	3 types	4 types	5 types
BHSINC	0.0350	0.0589	0.0611	0.0236
BHSGRD	0.0493	0.0764	0.0644	0.0240
BCOLINC	0.0598	0.0597	0.0134	0.1259
WHSINC	0.0434	0.0657	0.0262	0.0220
WHSGRD	0.0522	0.0626	0.0194	0.0149
WCOLINC	0.0846	0.0460	0.0150	0.0342
WCOLGRD	0.0692	0.0905	0.1025	0.1029

**Probability Distribution Function:BHSINC****Probability Distribution Function:BHSGRD**