NETWORK PROPERTIES BETWEEN PROTEIN AND RANDOM NETWROKS(ERDOS RENYI MODEL):

Property – CLUSTERING COEFFICIENT DISTRIBUTION

DEGREE PROTEIN NETWORK

2 0.004878048780487805

3 0.01951219512195122

4 0.07804878048780488

5 0.05853658536585366

6 0.13170731707317074

7 0.18536585365853658

8 0.11219512195121951

9 0.14634146341463414

10 0.0975609756097561

11 0.1073170731707317

12 0.04390243902439024

13 0.004878048780487805

14 0.004878048780487805

15 0.0

DEGREE RANDOM GRAPH -1

2 0.00975609756097561

3 0.01951219512195122

4 0.05853658536585366

5 0.12195121951219512

6 0.12682926829268293

7 0.1073170731707317

8 0.17073170731707318

9 0.11707317073170732

10 0.13170731707317074

11 0.06341463414634146

12 0.01951219512195122

13 0.024390243902439025

14 0.00975609756097561

15 0.004878048780487805

DEGREE RANDOM GRAPH-2

2 0.004878048780487805

3 0.03414634146341464

4 0.06829268292682927

5 0.11219512195121951

6 0.12682926829268293

7 0.15121951219512195

8 0.11219512195121951

9 0.0975609756097561

10 0.11707317073170732

11 0.09268292682926829

12 0.03902439024390244

13 0.02926829268292683

14 0.00975609756097561

15 0.0

PROPERTY – CLUSTERING COEFF DSTRIBUTION

DEGREE PROTEIN NETWORK

2 0.6

3 0.606

4 0.605

5 0.580

6 0.584

7 0.5807

8 0.5766

9 0.564

10 0.555

11 0.546

12 0.5428

13 0.5426

14 0.5422

15 0.5422

DEGREE RANDOM GRAPH - 1

2 0.4101

3 0.4102

4 0.4509

5 0.5244

6 0.5284

7 0.5273

8 0.5295

9 0.5300

10 0.5336

11 0.5415

12 0.5427

13 0.5441

14 0.5439

15 0.5438

DEGREE RANDOM GRAPH -2

2 0.7166

3 0.5558

4 0.5296

5 0.5312

6 0.5380

7 0.5359

8 0.5488

9 0.5369

10 0.5405

11 0.5461

12 0.5434

13 0.5419

14 0.5427

15 0.5427