Asslomerative

Hierarchical clustering

a) Single (minimum) linkage

Dictance between clusters (i, G) is the minimum obitance between any Object in Gand any object in G sim (a; c;) = man sim(x) Y)
XE Ci, YE()

The down siren P, 120,52,32 P2 1927 95,28 P2 150, 45,30 Py 170,65,29 Ps- 125, 28, 35 Pc 185, 90,32 12 120, 65, 28 P8 155, 48, 31 P1 160, 55,30 Pio 182, 80, 30 P11 175, 69,28 Piz 180, 20, 27 Pis 160, 50,3/ Pi4 176, 72, 10

1. After et calculating the Euclidean matrix of eige 14×14 The minimum distenu to was b/m Par Py / minimum rather i's = [1.00] After recalculating the obister is 2 Prop P12 / ohisten u = 13.6055/ After recalculating the abistance 3. P11, Pry (distance = [3. 60551)]

46ther recalculating the distance

4. P9, P13 (distance = [5-09902] After recalculating the distance 5. P2, P6 (ohistenu = 19.48683) After recalculating the distence (see the Denologiem on the next page

