Height

0.2 0.4 0.6 0.8

40002
41995
38163
41936
41882
41904
42073
40828
40766
42207
42004
41919
41958
37183
41617
38189
39272
38949
36559
39077
38089
38884
35356
37527
37937
38832
37880
38097
35560
38255
34880
38681
36789
38371
38994
33690
37731
36496
39975
35618
39876
35797
38256
39696
37416
38182
37420
38969
36819
38108
37179
38312
40981
35537
39281
35413
40834
41707
35494
41030
39292
40758
37540
40724
41696
40994
41647
41568
41918

as.dist(1 – ens)
hclust (*, "complete")

Ens1

Cluster Dendrogram

Height

0.2 0.4 0.6 0.8

40994
41647
41707
40834
40828
42004
38163
41936
41882
42207
40766
41919
41958
38949
41995
39292
40002
41904
42073
37540
41568
41617
38189
39272
40724
41696
40758
41918
37183
38089
38884
35494
35413
38832
38108
38312
37880
38097
35356
37527
37937
35560
38255
40981
38371
36496
39975
37731
33690
38994
35618
39876
34880
38681
35797
36789
38256
39696
35537
39281
38182
38969
37179
37416
37420
36559
39077
36819
41030

as.dist(1 – ens)
hclust (*, "complete")

Ens2

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

41995
39292
40002
40994
41647
41882
41904
40834
41707
38163
41936
42073
40766
42207
41919
41958
40828
42004
37540
41568
35356
40724
41696
41617
38189
39272
41030
40758
41918
35537
39281
37880
38097
37420
38884
37179
37416
37937
38969
35560
38255
36789
38182
35797
35618
37731
38994
39876
33690
36496
39975
38256
39696
34880
38681
38312
38371
40981
36819
38108
35494
38832
35413
37527
37183
38089
38949
36559
39077

as.dist(1 – ens)
hclust (*, "complete")

Ens3

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

38949
41707
38163
41936
41995
40834
40828
42004
41958
41919
42207
40994
41647
41904
42073
37540
40766
41568
39292
40002
37183
38089
41882
38832
35413
37527
37880
38097
38108
38681
34880
38312
37937
37416
38371
38256
39696
35618
36496
39975
37731
33690
39876
37420
38884
35560
38255
35797
38182
36789
38994
35537
39281
38969
40981
36819
37179
35356
40724
41696
35494
41030
40758
41918
36559
39077
41617
38189
39272

as.dist(1 – ens)
hclust (*, "complete")

Ens4

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

41904
38089
41882
40994
41647
38949
37540
41568
38163
41936
40766
41995
40834
42073
41958
42004
40828
41919
42207
37179
38969
35537
39281
38832
35413
37527
37937
38108
37416
38182
38884
37420
35560
38255
33690
40981
38681
34880
38312
38256
39696
36789
38994
39876
37731
35797
35618
36496
39975
36819
35494
38371
37183
37880
38097
39292
40002
40758
41918
41030
41707
35356
40724
41696
36559
39077
41617
38189
39272

as.dist(1 – ens)
hclust (*, "complete")

Ens5

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

35618
37179
36819
35537
39281
37880
38097
37420
40758
41918
38681
34880
38312
37731
35797
38256
39696
36789
38994
36496
39975
38182
38884
35560
38255
33690
40981
37416
37937
38108
39876
38832
35413
37527
38969
35494
38371
40002
35356
40724
41696
41904
38089
41882
38949
37540
41568
41958
40994
41647
38163
41936
39292
40834
41995
41919
42207
42073
40828
42004
41617
38189
39272
40766
36559
39077
37183
41030
41707

as.dist(1 – ens)
hclust (*, "complete")

Ens6

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

35618
37179
38884
36496
39975
35560
38255
33690
40981
35494
38371
38969
35537
39281
38832
35413
37527
37416
38681
34880
38312
38108
39876
35797
38182
37731
38256
39696
36789
38994
41904
38089
41882
40994
41647
38163
41936
39292
41995
40834
41958
41919
42207
42073
40828
42004
38949
37540
41568
40758
41918
41030
41707
41617
37937
37183
38189
39272
40766
36559
39077
37880
38097
40002
35356
40724
41696
36819
37420

as.dist(1 – ens)
hclust (*, "complete")

Ens7

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37416
37731
35797
38256
39696
36789
38994
38108
39876
35494
38371
38681
34880
38312
38832
35413
37527
36496
39975
38182
38884
35560
38255
33690
40981
35618
37179
38969
35537
39281
41617
38163
41936
40994
41647
39292
41995
40834
42073
40828
41919
42207
41958
42004
38949
41568
37880
38097
40002
35356
40724
41696
40758
41918
41030
41707
41904
37540
38089
41882
37420
36819
38189
39272
40766
36559
39077
37183
37937

as.dist(1 – ens)
hclust (*, "complete")

Ens8

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

35560
38255
33690
40981
35618
37179
38182
38884
36496
39975
38681
34880
38312
37416
38108
39876
37731
36789
38994
35797
38256
39696
38969
35494
38371
40002
38832
35413
37527
41904
37540
38089
41882
41617
40994
41647
39292
41995
41568
41958
38949
42004
42073
40834
40828
41919
42207
40758
41918
38163
41936
41030
41707
35537
39281
37880
38097
35356
40724
41696
37420
36819
38189
39272
39077
36559
40766
37183
37937

as.dist(1 – ens)
hclust (*, "complete")

Ens9

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37880
38097
38884
36496
39975
35537
39281
35560
38255
33690
40981
38969
35494
38371
37416
37731
35797
38182
38108
39876
38256
39696
36789
38994
38681
34880
38312
40002
38832
35413
37527
35618
37179
35356
40724
41696
37420
40758
41918
37183
37937
38189
39272
40766
36559
39077
41904
36819
41030
42004
41617
38163
41936
37540
38089
41882
41958
42073
40834
40828
41919
42207
38949
41568
41707
40994
41647
39292
41995

as.dist(1 – ens)
hclust (*, "complete")

Ens10

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37880
38097
38884
36496
39975
40002
35356
38832
35413
37527
40758
41918
35537
39281
35560
38255
33690
40981
38681
34880
38312
38969
35494
38371
37731
38108
39876
38256
39696
36789
38994
37416
35797
38182
38163
41936
41707
41030
42004
41617
38949
41568
41958
37540
38089
41882
39292
41995
42073
40834
40828
41919
42207
35618
37179
37420
37183
37937
38189
39272
40766
36559
39077
36819
40994
41647
41904
40724
41696

as.dist(1 – ens)
hclust (*, "complete")

Cluster Dendrogram

Ens11

Height

0.0 0.2 0.4 0.6 0.8 1.0

37880
38097
38884
36496
39975
35560
38255
33690
40981
38681
34880
38312
37731
38832
35413
37527
38256
39696
35797
38994
38108
39876
35494
38371
38969
35537
39281
37416
40002
36789
38182
38163
41936
40994
41647
39292
41995
41707
41030
42004
41617
38949
41568
37540
38089
41882
41958
42073
40834
40828
41919
42207
35618
37179
35356
40724
41696
40758
41918
36819
41904
37420
37183
37937
38189
39272
39077
36559
40766

as.dist(1 – ens)
hclust (*, "complete")

Ens12

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37880
38097
38884
36496
39975
38256
39696
36789
38994
38108
39876
35494
38371
38969
35797
38182
35560
38255
33690
40981
38681
34880
38312
37731
38832
35413
37527
38163
41936
40994
41647
39292
41995
41707
41030
42004
41617
37540
38089
41882
38949
42073
41919
42207
40828
40834
41568
41958
35537
39281
37416
40002
35618
37179
35356
40724
41696
40758
41918
37183
37937
38189
39272
39077
36559
40766
37420
36819
41904

as.dist(1 – ens)
hclust (*, "complete")

Ens13

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

41617
41568
42073
37540
38089
41882
38949
41958
40834
40828
41919
42207
38163
41936
41707
41030
42004
36819
40994
41647
39292
41995
38681
34880
38312
37731
38832
35413
37527
38256
39696
36789
38994
38108
39876
35494
38371
35560
38255
33690
40981
38969
35797
38182
37880
38097
38884
36496
39975
35537
39281
40002
35356
40724
41696
37416
35618
37179
40758
41918
37420
41904
37183
37937
38189
39272
39077
36559
40766

as.dist(1 – ens)
hclust (*, "complete")

Ens14

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

36789
38256
39696
38108
39876
35494
38371
37731
38832
35413
37527
38969
38182
35797
38994
38681
34880
38312
35560
38255
33690
40981
41617
41707
38949
41568
42073
37540
38089
41882
41958
42207
40834
40828
41919
38163
41936
41904
41030
42004
36819
40994
41647
39292
41995
38884
36496
39975
35618
37179
37880
38097
35537
39281
37416
40002
35356
40724
41696
40758
41918
37420
37183
37937
38189
39272
39077
36559
40766

as.dist(1 – ens)
hclust (*, "complete")

Ens15

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37183
37937
38189
39272
39077
36559
40766
37420
36819
41904
41030
42004
41617
41568
41958
42073
37540
38089
41882
38949
40828
40834
41919
42207
38163
41936
41707
40994
41647
39292
41995
38884
36496
39975
35618
37179
37731
38832
35413
37527
37416
37880
38097
35537
39281
35356
40724
41696
40002
40758
41918
38256
39696
36789
38994
38108
39876
35494
38371
38969
35797
38182
38681
34880
38312
35560
38255
33690
40981

as.dist(1 – ens)
hclust (*, "complete")

Ens16

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

38256
39696
36789
38994
38108
39876
35494
38371
38969
35797
38182
35560
38255
33690
40981
38681
34880
38312
37731
38832
35413
37527
36819
40994
41647
41904
41030
42004
38163
41936
39292
41995
41958
40828
40834
41919
42207
42073
37540
38089
41882
38949
41568
41617
41707
38884
36496
39975
35618
37179
37880
38097
35537
39281
40002
35356
40724
41696
37416
40758
41918
37420
37183
37937
39077
36559
40766
38189
39272

as.dist(1 – ens)
hclust (*, "complete")

Ens17

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

38108
39876
35494
38371
38256
39696
36789
38994
38969
35797
38182
38681
34880
38312
35560
38255
33690
40981
41904
41030
42004
36819
40994
41647
38163
41936
41568
41958
41617
41707
39292
41995
42073
37540
38089
41882
38949
40828
40834
41919
42207
37731
38832
35413
37527
37880
38097
35537
39281
40002
35356
40724
41696
38884
36496
39975
35618
37179
37416
40758
41918
37420
37183
37937
38189
39272
39077
36559
40766

as.dist(1 – ens)
hclust (*, "complete")

Ens18

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

41904
41030
42004
36819
37420
37183
37937
37179
38884
38949
41568
40994
41647
39292
41995
38163
41936
41707
41617
41958
40828
42207
40834
41919
42073
37540
38089
41882
37416
40002
35356
40724
41696
40758
41918
38189
39272
39077
36559
40766
37880
38097
35537
39281
35618
36496
39975
37731
38832
35413
37527
38681
34880
38312
35560
38255
33690
40981
38108
39876
35494
38371
35797
38182
38969
38256
39696
36789
38994

as.dist(1 – ens)
hclust (*, "complete")

Ens19

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

38681
34880
38312
35560
38255
33690
40981
38108
39876
35494
38371
35797
38182
38969
36789
38994
38256
39696
37179
38884
40994
41647
39292
41995
36819
41904
41030
42004
38163
41936
38949
41568
42073
37540
38089
41882
41958
40828
42207
40834
41919
41617
41707
40758
41918
38189
39272
39077
36559
40766
37420
37183
37937
37416
40002
35356
40724
41696
37731
38832
35413
37527
35618
36496
39975
37880
38097
35537
39281

as.dist(1 – ens)
hclust (*, "complete")

Ens20

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37179
38884
40994
41647
36819
41904
41030
42004
38163
41936
41707
41617
39292
41995
41568
41958
42073
37540
38089
41882
38949
40828
40834
41919
42207
38108
39876
35494
38371
35560
38255
33690
40981
35797
38182
38969
36789
38994
38256
39696
38681
34880
38312
37416
40002
35356
40724
41696
40758
41918
39077
36559
40766
38189
39272
37420
37183
37937
37731
38832
35413
37527
35618
36496
39975
37880
38097
35537
39281

as.dist(1 – ens)
hclust (*, "complete")

Cluster Dendrogram

Ens21

Height

0.0 0.2 0.4 0.6 0.8 1.0

37416
36819
37420
37183
37937
40994
41647
41904
41030
42004
37179
38884
38163
41936
38949
41958
42207
40828
40834
41919
41568
42073
37540
38089
41882
41617
41707
39292
41995
38108
39876
35494
38371
35560
38255
33690
40981
35797
38182
38969
36789
38994
38256
39696
38681
34880
38312
40758
41918
39077
36559
40766
38189
39272
40002
35356
40724
41696
37731
38832
35413
37527
35618
36496
39975
37880
38097
35537
39281

as.dist(1 – ens)
hclust (*, "complete")

Cluster Dendrogram

Ens22

Height

0.0 0.2 0.4 0.6 0.8 1.0

36819
37420
37183
37937
41904
41030
42004
39292
40994
41647
37179
38884
38163
41936
41617
41707
41568
41958
38949
42207
40828
40834
41919
37540
38089
41882
41995
42073
38108
39876
35494
38371
35560
38255
33690
40981
35797
38182
38969
36789
38994
38256
39696
38681
34880
38312
37416
40002
35356
40724
41696
40758
41918
38189
39272
39077
36559
40766
37731
38832
35413
37527
35618
36496
39975
37880
38097
35537
39281

as.dist(1 – ens)
hclust (*, "complete")

Cluster Dendrogram

Ens23

Height

0.0 0.2 0.4 0.6 0.8 1.0

37179
38884
38163
41936
38949
41568
42073
37540
38089
41882
41958
40828
42207
40834
41919
41617
41707
40994
41647
39292
41995
41904
41030
42004
36819
37420
37183
37937
37416
40758
41918
39077
36559
40766
38189
39272
35560
38255
33690
40981
38108
39876
35494
38371
35797
38182
38969
36789
38994
38256
39696
38681
34880
38312
35618
36496
39975
37880
38097
35537
39281
37731
38832
35413
37527
40002
35356
40724
41696

as.dist(1 – ens)
hclust (*, "complete")

Cluster Dendrogram

Ens24

Height

0.0 0.2 0.4 0.6 0.8 1.0

37179
38884
38163
41936
41568
41958
41617
39292
41995
41707
42073
37540
38089
41882
38949
40828
42207
40834
41919
37416
36819
37420
37183
37937
40994
41647
41904
41030
42004
35560
38255
33690
40981
38108
39876
35494
38371
35797
38182
38969
36789
38994
38256
39696
38681
34880
38312
35618
36496
39975
37880
38097
35537
39281
37731
38832
35413
37527
40758
41918
39077
36559
40766
38189
39272
40002
35356
40724
41696

as.dist(1 – ens)
hclust (*, "complete")

Ens25

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

37416
36819
37420
37183
37937
40994
41647
41904
41030
42004
37179
38884
38163
41936
38949
41568
41617
39292
41995
41707
42073
37540
38089
41882
41958
40828
42207
40834
41919
35560
38255
33690
40981
38108
39876
35494
38371
35797
38182
38969
36789
38994
38256
39696
38681
34880
38312
35618
36496
39975
37880
38097
35537
39281
37731
38832
35413
37527
40758
41918
39077
36559
40766
38189
39272
40002
35356
40724
41696

as.dist(1 – ens)
hclust (*, "complete")

Ens26

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

41617
41568
42073
37540
38089
41882
38949
40828
40834
41919
41958
42207
38163
41936
41707
41904
41030
42004
40994
41647
39292
41995
35618
36496
39975
37179
38884
38832
35413
37527
37731
38681
40002
35356
40724
41696
37880
38097
35537
39281
40758
41918
39077
36559
40766
38189
39272
37416
36819
37420
37183
37937
35560
38255
38108
39876
35494
38371
40981
33690
34880
38312
35797
38182
38969
36789
38994
38256
39696

as.dist(1 – ens)
hclust (*, "complete")

Ens27

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

38163
41936
41617
41568
38949
41958
40828
40834
41919
42207
37540
38089
41882
41995
42073
39292
41707
37416
36819
37420
37183
37937
40994
41647
41904
41030
42004
38108
39876
35494
38371
38832
35413
37527
33690
34880
38312
35797
38182
36789
38994
38256
39696
38969
40981
35560
38255
35618
36496
39975
37179
38884
40002
35537
39281
37880
38097
37731
38681
35356
40724
41696
40758
41918
39077
36559
40766
38189
39272

as.dist(1 – ens)
hclust (*, "complete")

Ens28

Cluster Dendrogram

Height

0.0 0.2 0.4 0.6 0.8 1.0

38163
41936
41617
38949
41568
42073
41882
37540
38089
41958
40828
40834
41919
42207
41707
39292
41995
36819
37420
37183
37937
40994
41647
41904
41030
42004
37416
35356
40724
41696
40758
41918
39077
36559
40766
38189
39272
35560
38255
38108
39876
35494
38371
35797
38182
36789
38994
38256
39696
38969
40981
35618
36496
39975
37179
38884
40002
38832
35413
37527
33690
34880
38312
35537
39281
37880
38097
37731
38681

as.dist(1 – ens)
hclust (*, "complete")

Cluster Dendrogram

Ens29

Height

0.0 0.2 0.4 0.6 0.8 1.0

38163
41936
41617
41568
39292
41995
41707
42073
37540
38089
41882
38949
41958
40828
40834
41919
42207
37416
41904
41030
42004
40994
41647
36819
37420
37183
37937
38108
39876
35494
38371
35797
38182
36789
38994
38256
39696
38969
40981
35560
38255
40002
35537
39281
35356
40724
41696
40758
41918
39077
36559
40766
38189
39272
35618
36496
39975
37179
38884
33690
34880
38312
38832
35413
37527
37880
38097
37731
38681

as.dist(1 – ens)
hclust (*, "complete")

Ens30

Cluster Dendrogram