A = 0

B = 0

C = 0

AB = 1

AC = 1

BC = 0

ABC = 1

Glove game

A B C

Shapley: 4/6 1/6 1/6

Sug: 1/2 1/4 1/4

1

כל תת קבוצה

פחות מ-3

שווה 0

ABC = 1

ABD = 1

ACD = 1

BCD = 0

ABCD = 1

Glove game - 4 players

A B C D

Shapley: 1/2 1/6 1/6 1/6

Sug: 1/2 1/6 1/6 1/6

2

כל תת קבוצה

פחות מ-4

שווה 0

ABCD = 1

ABCE = 1

ABDE = 1

ACDE = 1

BCDE = 0

ABCDE = 1

Glove game - 5 players

A B C D E

Shapley: 2/5 3/20 3/20 3/20 3/20

Sug: 1/2 1/8 1/8 1/8 1/8

3

A = 0

B = 0

C = 0

AB = 12

AC = 12

BC = 0

ABC = 12

Glove game \* 12

A B C

Shapley: 8 2 2

Sug: 6 3 3

4

A = 0

B = 0

C = 0

AB = 2

AC = 2

BC = 1

ABC = 2

A B C

Shapley: 1 1/2 1/2

Sug: 1/2 3/4 3/4

5

A = 0

B = 0

C = 0

AB = 2

AC = 2

BC = 1

ABC = 3

A B C

Shapley: 8/6 5/6 5/6

Sug: 1 1 1

6

?

A = 0

B = 0

C = 0

AB = 1

AC = 1

BC = 2

ABC = 2

A B C

Shapley: 2/6 5/6 5/6

Sug: 0 1 1

7

A = 0

B = 0

C = 0

AB = 1

AC = 1

BC = 2

ABC = 3

A B C

Shapley: 8/12 14/12 14/12

Sug: 6/12 15/12 15/12

8

A = 1

B = 0

C = 0

AB = 1

AC = 1

BC = 0

ABC = 2

A B C

Shapley: 4/3 1/3 1/3

Sug: 6/4 1/4 1/4

9

A = 1

B = 0

C = 0

AB = 2

AC = 2

BC = 1

ABC = 2

A B C

Shapley: 8/6 2/6 2/6

Sug: 1 3/6 3/6

10

A = 1

B = 0

C = 0

AB = 2

AC = 2

BC = 1

ABC = 3

A B C

Shapley: 20/12 8/12 8/12

Sug: 18/12 9/12 9/12

11

A = 0

B = 1

C = 1

AB = 4

AC = 4

BC = 2

ABC = 5

A B C

Shapley: 2 6/4 6/4

Sug: 6/4 7/4 7/4

A = 1

B = 1

C = 1

AB = 3

AC = 3

BC = 2

ABC = 4

A B C

Shapley: 20/12 14/12 14/12

Sug: 18/12 15/12 15/12

A = 0

B = 1

C = 1

AB = 3

AC = 3

BC = 2

ABC = 3

A B C

Shapley: 1 1 1

Sug: 2/4 5/4 5/4

A = 1

B = 1

C = 1

AB = 2

AC = 2

BC = 3

ABC = 4

A B C

Shapley: 1 3/2 3/2

Sug: 1 3/2 3/2

12

13

14

15

לסקר ב-mturk

A = 0

B = 0

C = 0

AB = 300

AC = 300

BC = 150

ABC = 300

A B C

Shapley: 150 75 75

Old Sug: 75 112.5 112.5

Equal: 100 100 100

A = 0

B = 0

C = 0

AB = 100

AC = 100

BC = 200

ABC = 300

A B C

Shapley: 66.6 116.6 116.6

Old Sug: 50 125 125

Equal: 100 100 100

A = 0

B = 0

AB = 300

A B C

Shapley: 150 75 75

A = 0

B = 0

C = 0

AB = 200

AC = 200

BC = 100

ABC = 300

A B C

Shapley: 133.3 83.3 83.3

Sug: 100 100 100

השמטת C

A = 150

B = 0

AB = 300

A B C

Shapley: 225 37.5 37.5

A = 150

B = 0

C = 0

AB = 300

AC = 300

BC = 150

ABC = 300

A B C

Shapley: 200 50 50

Sug: 150 75 75

השמטת C

כל תת קבוצה אחרת שווה 0

ABCD = 1

כל תת קבוצה

פחות מ-4

שווה 0

ABCD = 1

ABCE = 1

ABDE = 1

ACDE = 1

BCDE = 0

ABCDE =1

ABCDE = 1

A B C D E

Shapley: 2/5 3/20 3/20 3/20 3/20

השמטת E

A = 0

B = 0

C = 0

AB = 0

AC = 0

BC = 0

ABC = 1

A B C D

Shapley: 1/3 2/9 2/9 2/9

כל תת קבוצה

פחות מ-3

שווה 0

ABC = 1

ABD = 1

ACD = 1

BCD = 0

ABCD = 1

A B C D

Shapley: 1/2 1/6 1/6 1/6

השמטת D

A B C D E

Shapley: ¼ 3/16 3/16 3/16 3/16

A = 0

B = 0

AB = 1

A B C

Shapley: 1/2 1/4 1/4

A = 0

B = 0

C = 0

AB = 1

AC = 1

BC = 0

ABC = 1

A B C

Shapley: 4/6 1/6 1/6

השמטת C

A = 0

B = 0

AB = 300

A B C

Shapley: 150 75 75

A = 0

B = 0

C = 0

AB = 100

AC = 100

AD = 100

BC = 100

BD =100

ABC = 300

A B C

Shapley: 133.3 83.3 83.3

Sug: 100 100 100

השמטת C