



Probability Random Variables - Probability Table to Is Valid Table

1 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
2	0.30
3	0.50
4	-0.10
5	0.10

A Yes, it is a valid probability table

B No, it is not a valid probability table

2 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
1	0.30
2	0.60
3	0.20
4	0.10

A Yes, it is a valid probability table

B No, it is not a valid probability table

3 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
2	-0.10
3	0.30
4	0.10
5	0.50

A Yes, it is a valid probability table

B No, it is not a valid probability table

4 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
0	0.10
1	0.10
2	0.60
3	-0.10

A Yes, it is a valid probability table

B No, it is not a valid probability table

5 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
0	0.70
1	0.10
2	0.10
3	-0.10

A Yes, it is a valid probability table

B No, it is not a valid probability table

6 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
1	0.20
2	0.50
3	0.20
4	0.30

A Yes, it is a valid probability table

B No, it is not a valid probability table

7 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
0	0.10
1	0.50
2	0.20
3	0.20

A Yes, it is a valid probability table

B No, it is not a valid probability table

8 A valid table has probabilities from 0 to 1 that add to 1.

Is this a valid probability table?

X	P(X)
3	0.20
4	0.10
5	0.60
6	0.30

A Yes, it is a valid probability table

B No, it is not a valid probability table