

	Range(X) = MaxLX J- Min (X)
	MUM - X p Max[X] = Max(Supp[X])
function f	
Quantile [x	GCf]- If(x)dx=17 Mm (-) = Min [X]-min (Supp[X])=1 p] "perna "perantile" if p is a % := argmin y+(x) > p/g I = Quantile [X, 0.5] Tertiles Quantiles
Median LX.	appe x Quantiles X7 Quantiles
Condition	Distribution (1. v type Quantile [X, 0.33] Q [X, 0.25]
ECXJ=Median	[x] Symmetric Quantile [x, 0.66] Q(x, 0.5]
E[X] > Media	[X] X 8 ken right 97=[X] 7 884.0 (3.1X, 0.75)
E[X] < Median	[x] skew left Manager Quintiles Dentile
one mode	D 0.082 0 632 FEXTS N
Mode IXJ=	F(X) unimodel Q[X,0.1] & [X,0.1]
Mode LX J-Med	lian [X] unimodel and symmetric Q[X,04] &[X=0.2] Q[X=0.i]
toot hour	
JOR LX 1=	Q [x, 0.75] - Q [x, 0.25] Q [08]
	Motor ()
0 1 11 '	
Roulette in	America + 100
	210
	payart 1:1 Dozen bet in 1 12 payort 2:1 wp 18/38 X ~ 1 \$ 2 wp \frac{12}{38}.
	Amenica Dozen bet in 112 payout 2:1 wp $\frac{18}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$
	payart 1:1 payart 2:1 wp $\frac{18}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$ wp $\frac{26}{38}$ 18 + -\$\frac{1}{38}\$ = \frac{26}{38}\$
	payart 1:1 Dozen bet in 1 12 payort 2:1 wp $\frac{18}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$
Bet a black X N 1 \$1 -\$1	payout 1:1 Dozen bet in 1 12 payout 2:1 wp $\frac{18}{38}$ wp $\frac{20}{38}$ $\frac{12}{38}$
Bet a black XN J\$1 1-\$1	payout 1:1 Dozen bet in 1 12 payout 2:1 wp $\frac{18}{38}$ wp $\frac{20}{38}$ $\frac{12}{38}$
Bet a black XN 1 \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$	payout 1:1 payout 1:1 wp $\frac{18}{38}$ wp $\frac{20}{38}$ $\frac{12}{38}$ $\frac{12}{38}$ $\frac{12}{38}$ $\frac{26}{38}$ $\frac{18}{38}$ $\frac{1}{38}$ Roulette in Europe
Bet a black XN 1 \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$	payout 1:1 Wp 18/38 Wp 29/38 X N \$2 Wp $\frac{12}{38}$ Wp 29/38 F(X) = 9 12 + -\$1 26 \(\) -0.053 8 38 38 38 38 38 38 38
Bet a black XN 1 \$1. 41 E[X]-\$1. 4 Bet on "luck	payout 1:1 Dozen bet in 112 payout 2:1 wp $\frac{18}{38}$ wp $\frac{12}{38}$ wp $\frac{12}{38}$ No. 18 2 wp $\frac{12}{38}$ wp $\frac{26}{38}$ 18 + -#1. 20 =-0.053 F(X) = 2. 12 + -\$1. 26 =-0.053 8 38 Roulette in Europe wp $\frac{3}{38}$ wp $\frac{3}{38}$ wp $\frac{3}{38}$
Bet a black XN 1 \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$1. \$	payart 1:1 Dozen bet in 1 12 payort 2:1 wp $\frac{18}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Residette in Europe The payort 35:1 Roulette in Europe Wp $\frac{37}{38}$ Wp $\frac{37}{38}$ Wp $\frac{37}{38}$ F(X) = 9. 12 1 - 81 26 -0.053 Roulette in Europe F(X) = 9. 12 1 Wp $\frac{19}{38}$ Wp $\frac{37}{38}$ Wp $\frac{37}{38}$ F(X) = 41 8 + -81 19 $\frac{37}{37}$
Bet a black XN 1 \$1. 41 E[X]-\$1. 4 Bet on "luck XN 1 \$1.35	payout 1:1 Dożen bet in 1 12 payout 2:1 wp $\frac{18}{38}$ Wp $\frac{29}{38}$ Wp $\frac{29}{38}$ $\frac{26}{38}$ $\frac{2}{38}$
Bet a black XN 1 \$1. 41 E[X]-\$1. 4 Bet on "luck XN 1 \$1.35	payart 1:1 Dożen bet in 1 12 payort 2:1 wp $\frac{18}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Roulette in Europe Wp $\frac{18}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Roulette in Europe Wp $\frac{18}{38}$ Wp $\frac{14}{38}$ Wp 14
Bet a black XN 1 \$1. 41 E[X]-\$1. 4 Bet on "luck XN 1 \$1.35	payout 1:1 Dozen bet in 1 12 payout 2:1 wp 18/38 Wp 29/38 $X \sim \int_{0.053}^{12} \frac{12}{38}$ $X \sim \int_{0.053}^{12} \frac{12}{38$
Bet a black XN 1 \$1. 41 E[X]-\$1. 4 Bet on "luck XN 1 \$1.35	payart 1:1 Dożen bet in 1 12 payort 2:1 wp $\frac{18}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Roulette in Europe Wp $\frac{18}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Wp $\frac{12}{38}$ Roulette in Europe Wp $\frac{18}{38}$ Wp $\frac{14}{38}$ Wp 14