Part - B, B nex pro(1-x) 5) x skewness aror Goder Distribution symetric for our Skewness 7.0 minus fruly La meen 2 median = mode > व्याक्ट में हिर नेपान रिए > W3 50 (2005 Couly) SEDSKEWNESS CO La mean & median comode ) जारक नामित्र नामित्र Ly M3 2 o Negative James Injs X Filling you were toon and reindre 52 0000 skewness > 0 - mean outro median mode - गार्क - एति दिल न्यान हिला के -> M3 = POST HILENNY , O. C.D. 1 X2 expected rather of X m3 2 2 (x-4)3 xp(n) = X2 expected value of x \( \frac{m\_3}{m\_2^3} = \frac{\text{\$\text{\$m\_3\$}}}{\text{\$\text{\$m\_3\$}}} = \frac{\text{\$\text{\$\text{\$m\_3\$}}}{\text{\$\text{\$m\_3\$}}} \text{\$\text{\$\text{\$\text{\$m\_3\$}}} ( ells) do droub ) NX (Styndard dev.) 3 Z 51 (xi-x) 4 MX 04 T NX 0 Y ( group) my my 5 (x-14) 5 x p(x) 15 TM29 30 m2X) TOTO. 1802 TO 1 WOOD C(X) 9 J(MIL'27 x X) D

beta 223 - mesokantic beta 2/3 - S Lepto Kantie beta <3 > Platy harting/ X-N(1000, 250000) GRAMA, X 2[Ar Nonmal distribution, 200 méan, Looo Gos varigne 25 0000 82~N(0,1) 2 21 m Monnal distribution M20, Van(2)=1 Pdf of 2 = P(2) = NORMIS, DIST (Z, FALSE) = swarosus or men se 12/50 Erres HAND symmetric 90; mesokantic 22 4X-4 mean standard deviation X = 44+2×0 P(X) = Don NORM. DIST (X, K, O, FALSE) P(X) 2 NORM. DIST (X, 4, 0, TRUE) Littlihus

pdt, X+P(x)
Scatter cdt X+B(x) line on recomment connecession coefficient (11) = copy [ [xs. Ofine 00 2124 प्राइटि Positively skewed god 2000 , अर्लिस अयर में ड नामिक अर्थ Gus sole (11) Intercept = of region & a = Talquirent X Poission distribution, et x1 > 2 mean mistake (x), No. of paso(f) = fx, Efx lenda 2 5/x 2 5/x P(X) = POISSON. DIST (X, lender, PALSE) x+P(x) es a along on positively skewed and - thickness and of lefto wantie DREWnance Relation 1st value p(x) or bril = (lender/x) \* # P(x) 3000 ports Jan

20 positive Recombot Reconstite Positive · Linear realation orna (v) Connelation coefficient (n) 2 CORREL (x Govalue, y (so rates)

2 0.9 on strongly positive linear relation
to thereen x and y intencept = d x variable 1 = B & QoVhan Best Litted 'Gre = d+B (1) weekly Income 175 on (1) station (1) O Ru I as Book sitted -1<RZ1, RY, OCR-CI (X)9+X - Grot income expenditure (25 valo 10 249) the alles south control J. O. Reemance Relation Tet rature 6(8) do out = (reman/x) 4 HO 6(8) 200 Contin