SHASHANK Given XX data sets for High p(x1) = 7/2 (x-41) = 1/2 (x-41) = 1.0433 2-0468 = + [x1-5.0029 22-5.975c] [6.3844-0.043] (5.032) = +/2 {[x, -5.0029 7x2-5.975] [0.9944x, -0.0131x2-4-8460] {
-0.0131x, +0.9848x2-5.9193]} = t_{2}^{2} $\begin{cases} \frac{0.9844x_{1}^{2}-0.0131x_{1}x_{2}-4.8460x_{1}-4.9249x_{1}x_{1}x_{2}+0.0655x_{1}^{16}}{+24.2441-0.0131x_{1}x_{2}+0.9848x_{2}^{2}-5.8193x_{2}+0.0783x_{1}} \\ -5.8848x_{2}+34.77389 \end{cases}$ = +1/2 {0.9844x,2+0.3848x2-0.0262x,x2-9.6926x,-11-63962 = 6.4922 x,2+0.49242-0.61317,2-4.8463x,-5.813372

U. PORTO
FEUP FACULDADE DE ENGENHARIA
LINIVERSIDADE DO PORTO

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Pa(X2) = 1 (x-M2) = [x-M2)
=\frac{1}{2}\left\{ \begin{bmatrix} \chi_{1}-1.5830 & \chi_{2}-2.0029 \end{bmatrix} \begin{bmatrix} 0.5921 & -6.0043 \\ -0.0043 & 0.5929 \end{bmatrix} \begin{bmatrix} \chi_{1}-1.9830 \\ \chi_{2}-2.0029 \end{bmatrix} \right\}
=\frac{1}{2}\left\{\left[\frac{1}{1-1.5830}\frac{1}{30}\frac{2}{21-2.0029}\right]\left[0.38212,-1.9475-0.00432+0.0086\right]-0.00432,+0.0085+0.99292-1.9817\right\}
  = \frac{1}{2} \left\{ \frac{0.98217_{1}^{2} - 1.9399x_{1} - 0.0043x_{1}x_{2} - 1.9475x_{1} + 0.0085x_{2} + 3.8449}{-0.0043x_{1}x_{2} + 0.099297_{2}^{2} - 1.9802x_{2} + 0.0055x_{1}x_{2}} - 1.9887x_{2} + 3.9661 \right\}
       = \frac{1}{2} \left\{ \frac{6.9821 \times \frac{7}{1} + 0.9929 \times \frac{7}{2} - 0.0086 \times \frac{7}{12} - 3.8763 \times \frac{7}{12} - 3.960472 + 7.81033 \right\}
   = \frac{1}{2} \left\{ [x_1 - 0.0154 \quad 7_2 - 6.0173] \left[ \frac{1}{2} - 0.0433 \right] \left[ \frac{1}{2} - 0.0154 \right] \right\}
= \frac{1}{2} \left\{ [x_1 - 0.0154 \quad 7_2 - 6.0173] \left[ \frac{1}{2} - 0.0433 \right] \left[ \frac{1}{2} - 0.0154 \right] \right\}
                     = /2 [[2, -0.015 21, -6.0133] [1.05194, +6.2616
-1.04334, +0.0161+2.0468x=12.3162]
                 = \int_{L} \begin{cases} 1.0518x_{1}^{2} + 6.2616x_{1} - 1.0435x_{1}x_{2} - 0.0162x_{1} - 0.0964 \\ + 0.0161x_{2} - 1.0423u_{1}x_{2} - 12.3001x_{2} + 2.0469x_{2}^{2} \\ + 6.2778x_{1} + 74.013y_{1} - 12.3162x_{2}^{2} \end{cases}
                   = \frac{1}{2} \left\{ \frac{1.0519x_1^2 + 2.0469x_2^2 - 2.0866x_1x_2 + 12.5232x_1}{-24.6002x_2 + 73.9170} \right\}
                  = 0.5259 a,2+1.023422-1.04334,22+6.261621
                                                           12.300/22 + 36.9585
```

 $\frac{\text{for} \quad M_{12}}{\text{or4921} \frac{1}{n_{1}^{2}} + 0.4394 \frac{1}{n_{1}^{2}} - 0.0121 \frac{1}{2} \frac{1}{n_{2}^{2}} - 4.843 \frac{1}{n_{1}^{2}} - 5}{\text{o.497} \frac{1}{n_{1}^{2}} + 0.49 \frac{1}{n_{1}^{2}} - 0.00131 \frac{1}{n_{1}^{2}} - 4.8463 \frac{1}{n_{1}^{2}} - 5.8193 \frac{1}{n_{1}^{2}} + 29.5086} \\
= 6.4310 \frac{1}{n_{1}^{2}} + 0.4965 \frac{1}{n_{1}^{2}} - 0.0043 \frac{1}{n_{1}^{2}} - 1.9385 \frac{1}{n_{1}^{2}} - 1.9385 \frac{1}{n_{1}^{2}} - 1.9385 \frac{1}{n_{1}^{2}} - 1.7936 \frac{1}{n_{1}^{2}}$

For M29

0.034547+0.5219×2-1.6350712+8.20012, -14.780322+33.0530

1 Jani + Cm, n + dm, + em+ f

