Statistical description of variables

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Variables | Unit | Notation | Min | Mean | Standard  deviation | Skewness | Max |
| Binder | kg/m3 | *X*1 | 230.00 | 403.59 | 105.92 | 0.24 | 651.00 |
| Water | kg/m3 | *X*2 | 133.00 | 205.61 | 120.90 | 3.98 | 762.00 |
| Fine aggregate | kg/m3 | *X*3 | 400.00 | 699.72 | 122.69 | -0.17 | 1049.20 |
| Coarse aggregate | kg/m3 | *X*4 | 293.30 | 976.41 | 234.99 | -1.59 | 1236.00 |
| Volume fraction of steel fiber | % | *X*5 | 0.20 | 0.99 | 0.54 | 2.55 | 5.00 |
| Aspect Ratio | - | *X*6 | 32.42 | 64.18 | 14.52 | -0.45 | 82.67 |
| Age | Day | *X*7 | 7.00 | 27.68 | 11.74 | 3.26 | 91.00 |
| Compressive strength | MPa | *X*8 | 7.75 | 54.99 | 29.16 | 0.43 | 145.84 |
| Splitting tensile strength | MPa | *Y* | 0.79 | 4.52 | 1.79 | 0.45 | 11.50 |