```
For help on classes: from ModuleName import *
>>> shelp(Tau)
Classic Tau rank correlation

    Arguments:
        variable: STARS variable
        interval: integer for length of time interval (default=1)
        w:  STARS sparse weight matrix (optional)

    Attributes:
        concord: number of concordant pairs for each period
        discord: number of disconcordant pairs for each period
        T:  number of unique pairs
        tau:    tau statistic (concord/T) for each period

        (if w is specified)
        nContiguities: number of unique contiguous pairs
        contConcordCount: number of contiguous concordant pairs
        contTau:    tau statistic for contiguous pairs
        nonContConcordCount: number of noncontiguous concordant pairs
        nonContTau:    tau statistic for noncontiguous pairs

    Example Useage:
        >>> from stars import Project
        >>> s=Project("s")
        >>> s.ReadData("csiss")
        >>> income=s.getVariable("pcincome")
        >>> r=s.getVariable("bea")
        >>> w=spRegionMatrix(r)
        >>> taus=Tau(income,w=w)
        >>> taus.tau[0]
        0.6313405797101449
        >>> taus.contTau[0]
        0.6875
        >>> taus.nonContTau[0]
        0.622916666666666667
        >>> tau=Tau(income,interval=10)
        >>> tau.tau
        array([ 0.55978261,  0.5923913 ,  0.60869565,  0.54076087,  0.55253623,  0.57880435,
                    0.56612319,  0.58967391,  0.50724638,  0.59692029,  0.56431159,
                    0.52083333,  0.52173913,  0.51449275,  0.42844203,  0.4692029 ,
                    0.55615942,  0.47735507,  0.58152174,  0.5317029 ,  0.52626812,
                    0.53713768,  0.48822464,  0.58423913,  0.57427536,  0.47101449,
                    0.61865942,  0.5615942 ,  0.51539855,  0.5       ,  0.61956522,
                    0.51539855,  0.53623188,  0.5923913 ,  0.5951087 ,  0.47373188,
                    0.51539855,  0.51358696,  0.51811594,  0.39945652,  0.50996377,
                    0.43387681,  0.49456522,  0.63677536,  0.49184783,  0.54981884,
                    0.44384058,  0.53623188,  0.4701087 ,  0.52173913,  0.58423913,
                    0.50362319,  0.44112319,  0.55706522,  0.48460145,  0.58695652,
                    0.45742754,  0.48731884,  0.62228261,  0.48460145,  0.55253623,
                    0.5       ])

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>>>
```