JQuantile

The class `JQuantile` resides in the `JTOOLS` namespace and extends the class `JStats`. It be used to determine quantiles.

The following code extract:

```
  const double x     = 0.0;
  const double sigma = 1.0;

  JQuantile Q;

  for (int i = 0; i != numberOfEvents; ++i) {
    Q.put(gRandom->Uniform(0.0, 1.0));
  }

  for (const double x : { 0.1, 0.5, 0.9}) {

    NOTICE("forward   quantile " << FIXED(6,3) << x << ' ' << FIXED(6,3) << Q.getQuantile(x, JQuantile::forward_t)
    NOTICE("symmetric quantile " << FIXED(6,3) << x << ' ' << FIXED(6,3) << Q.getQuantile(x, JQuantile::symmetric_t
    NOTICE("backward  quantile " << FIXED(6,3) << x << ' ' << FIXED(6,3) << Q.getQuantile(x, JQuantile::backward_t)
  }
```

could produce:

```
forward   quantile  0.100  0.104
symmetric quantile  0.100  0.098
backward  quantile  0.100  0.900
forward   quantile  0.500  0.499
symmetric quantile  0.500  0.493
backward  quantile  0.500  0.499
forward   quantile  0.900  0.900
symmetric quantile  0.900  0.902
backward  quantile  0.900  0.104
```