TinyExpr++

C++ formula parsing and evaluation library

```
f_{(x)}
te_parser tep;
tep.set_variables_and_functions({
                                    /* Returns the p-level of a study if:
                                       p-level < 5% AND
/* This will compile the expressio
                                       number of observations was at least 30.
if (tep.compile(expression))
                                       Otherwise, NaN is returned. */
   x = 3; y = 4;
   const double r = tep.evaluate(
                                    IF(// Review the results from the analysis
   std::cout << "Result:\n\t" <<
                                       AND (P LEVEL < .05, N OBS >= 30),
                                       // ...and return the p-level if acceptable
else
                                       P LEVEL,
                                       // or NaN if not
    /* Show the user where the err
                                       NAN)
   std::cout << "\t " << std::set
       std::setw(tep.get_last_error_position()) <<
       "\tError near here\n";
   LU JURY LIVING IN WEST CHELSE
    TRIBER
```

The Comprehensive User Reference & Programming Manual

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