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```
Help
#ifndef _LEVY_CALIBRATION_H_
#define _LEVY_CALIBRATION_H_
#include <stdio.h>
#include <stdlib.h>
#include "pnl/pnl_matrix.h"
#include "pnl/pnl vector.h"
#include "pnl/pnl_lbfgssolver.h"
#include "finance_tool_box.h"
extern double TT_interest_rate(double t);//0.03
extern double TT_volatility(double t); //0.15*0.15;}
typedef struct Calibration Data Calibration Data;
struct _Calibration_Data
 List Option Eqd * list input;
 List Option Eqd * list model;
  int type_of_process;
};
extern Calibration Data * calibration data create(List
    Option Eqd * list input ,double r,double divid,int type of
    model );
extern void calibration data free(Calibration Data ** data)
extern double calibration_data_QuadraticError(const Calibr
    ation Data * Data);
extern double QuadraticError ForLevyProcess(const PnlVect *
    GenerationParams, void *data);
extern void Constraints ForLevyProcess(PnlVect *res, const
    PnlVect *x, void *data);
extern double QuadraticError_ForLevyDiffusion(const PnlVec
    t *GenerationParams, void *data);
extern void Constraints_ForLevyDiffusion(PnlVect *res, cons
    t PnlVect *x, void *data);
```

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#endif // LEVY_CALIBRATION_H

References