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```
#ifndef ESM_FUNC
#define ESM_FUNC

void ESM_update_const_char(double Kappa, double sigma,
    double delta, double d);

void Moments_ESM(double Vs, double Vt, double Kappa,
    double sigma, double delta, double d, double *mean, double *
    variance);

void values_all_ESM(int M, double Vs, double Vt, double Ka
    ppa, double sigma, double delta, double d, double epsilon,
    double h, int *N, double *values);

void values_all_AESM(int M, double Vmax, int NS , double Ka
    ppa, double sigma, double delta, double d, double epsilon,
    double *mean, double *variance,
    double *h, int *N, double **values);

double inverse_ESM(double u, double h, int N, double *val);

#endif
```

References