

NAG Library Chapter Contents

G10 – Smoothing in Statistics

G10 Chapter Introduction

| Routine Name | Mark of Introduction | Purpose |
|---------------------|-----------------------------|---|
| G10ABF | 16 | nagf_smooth_fit_spline Fit cubic smoothing spline, smoothing parameter given |
| G10ACF | 16 | nagf_smooth_fit_spline_parest Fit cubic smoothing spline, smoothing parameter estimated |
| G10BAF | 16 | nagf_smooth_withdraw_kerndens_gauss Kernel density estimate using Gaussian kernel |
| G10CAF | 16 | nagf_smooth_data_runningmedian Compute smoothed data sequence using running median smoothers |
| G10ZAF | 16 | nagf_smooth_data_order Reorder data to give ordered distinct observations |