NAG Library Chapter Contents

g10 – Smoothing in Statistics

g10 Chapter Introduction

Function Name	Mark of Introduction	Purpose
g10abc	6	nag_smooth_spline_fit Fit cubic smoothing spline, smoothing parameter given
g10acc	6	nag_smooth_spline_estim Fit cubic smoothing spline, smoothing parameter estimated
g10bac	6	nag_kernel_density_estim Kernel density estimate using Gaussian kernel **Note**: this function is scheduled for withdrawal at Mark 26, see Advice on Replacement Calls for Withdrawn/Superseded Functions for further information.
g10bbc	24	nag_kernel_density_gauss Kernel density estimate using Gaussian kernel (thread safe)
g10cac	3	nag_running_median_smoother Compute smoothed data sequence using running median smoothers
g10zac	6	nag_order_data Reorder data to give ordered distinct observations