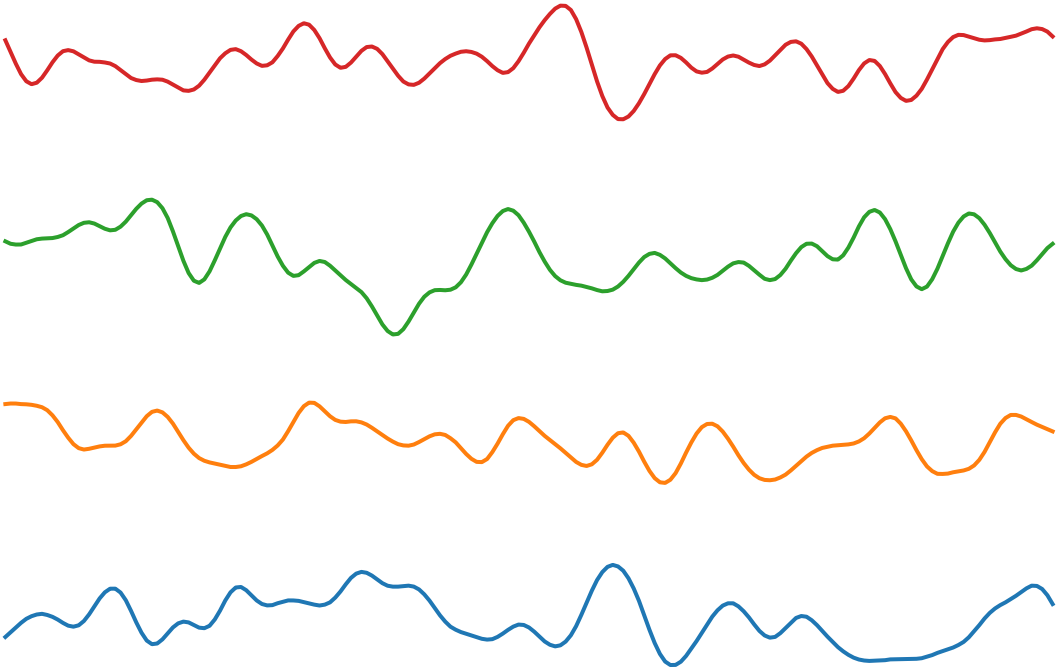shortse_kernel