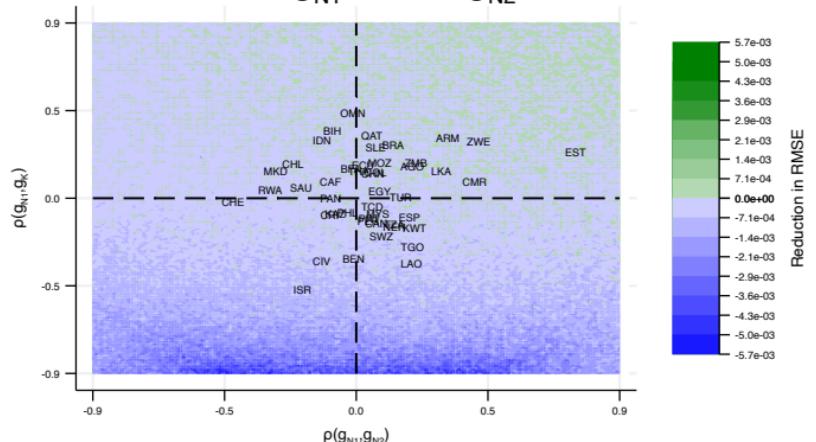
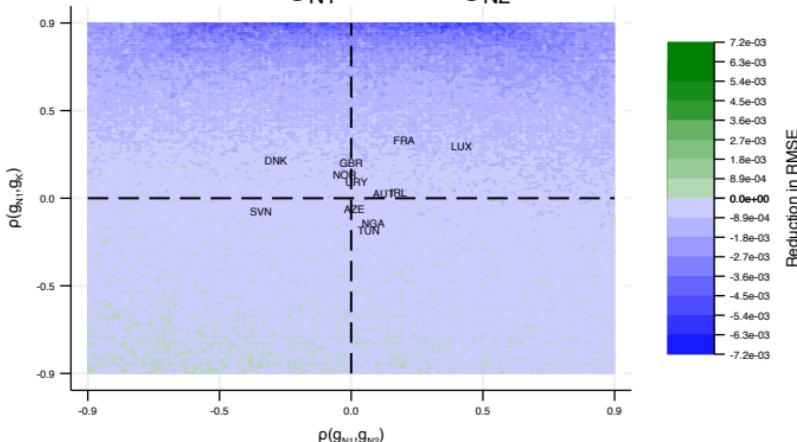


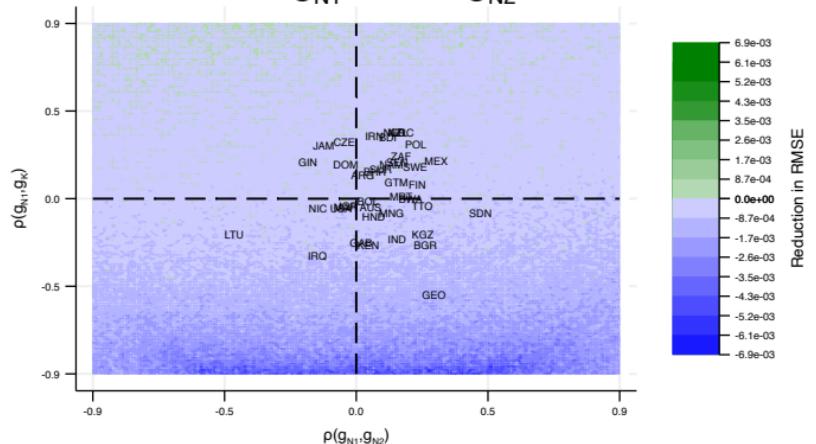
Case 1:  $g_{N_1} > 0$  and  $g_{N_2} > 0$



Case 2:  $g_{N_1} < 0$  and  $g_{N_2} > 0$



Case 3:  $g_{N_1} > 0$  and  $g_{N_2} < 0$



Case 4:  $g_{N_1} < 0$  and  $g_{N_2} < 0$

