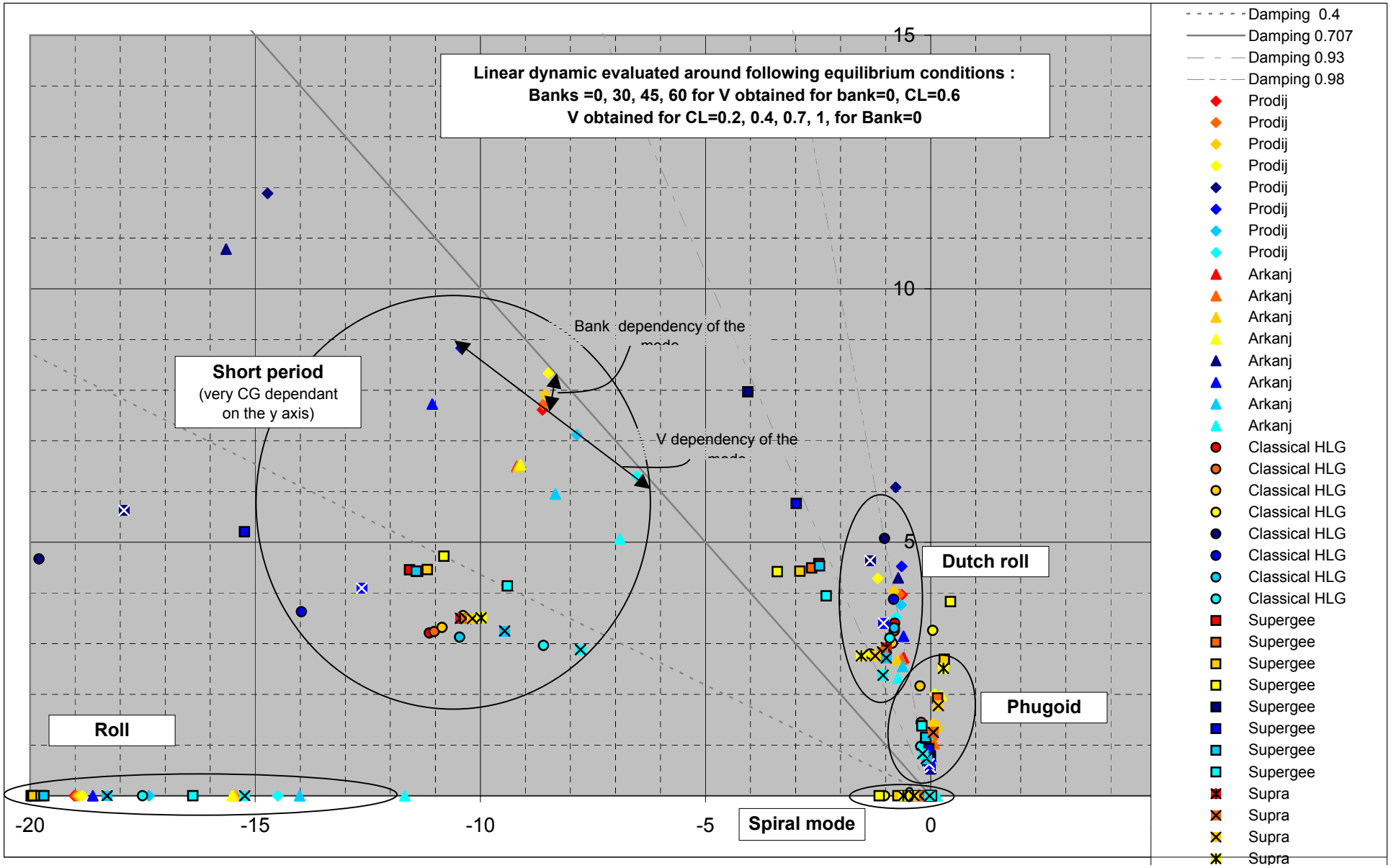
Linear dynamic evaluated around following equilibrium conditions :
Banks =0, 30, 45, 60 for V obtained for bank=0, CL=0.6
V obtained for CL=0.2, 0.4, 0.7, 1, for Bank=0
Short period
(very CG dependant on the y axis)
Bank dependency of the mode
V dependency of the mode
Dutch roll
Phugoid
Roll
Spiral mode
15
10
5
0
-20
-15
-10
-5
Damping 0.4
Damping 0.707
Damping 0.93
Damping 0.98
Prodij
Arkanj
Classical HLG
Supergee
Supra