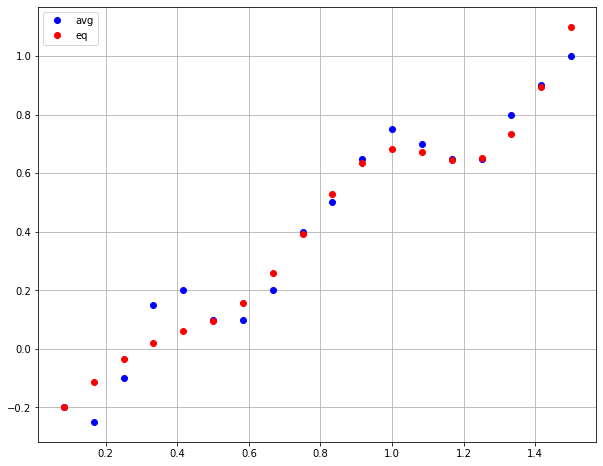
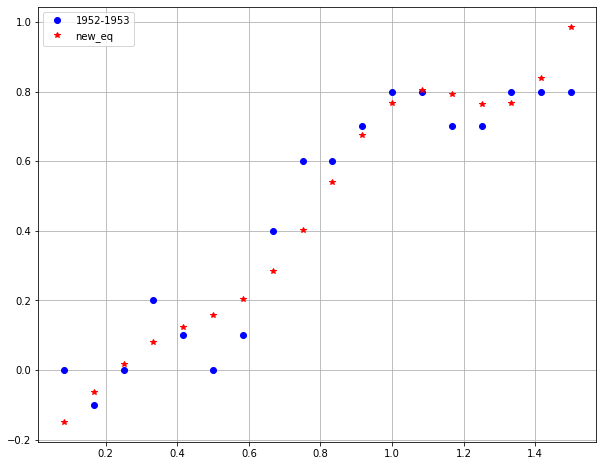


avg\_eq = 0.128129\*x\*np.sin(8.64087653051526\*x)+0.870872\*x-0.2798906



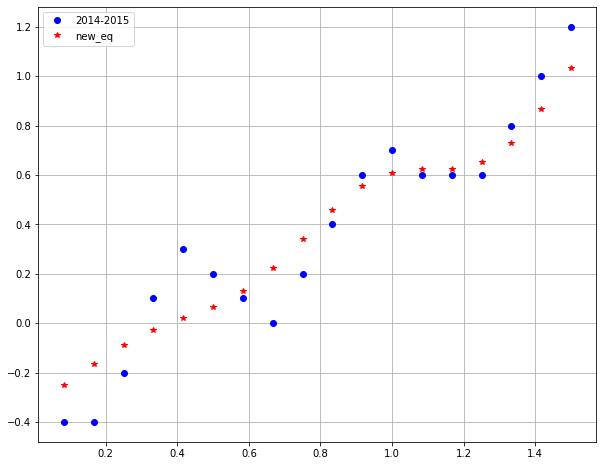
#change 2,4 #best fitness 10.079773

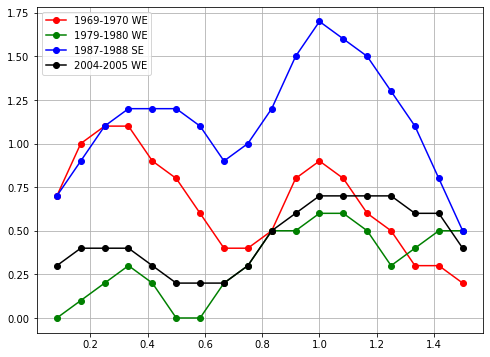
return 0.128129\*x\*np.sin(8.046256\*x)+0.870872\*x-0.228342



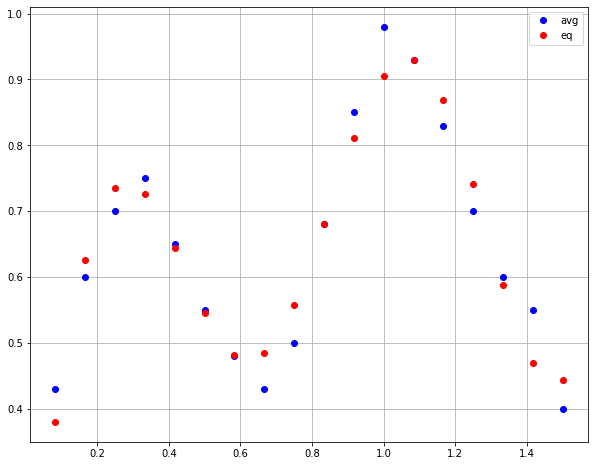
#change 1,4 #best fitness 13.7775

return 0.090792\*x\*np.sin(8.640880\*x)+0.870872\*x-0.326393



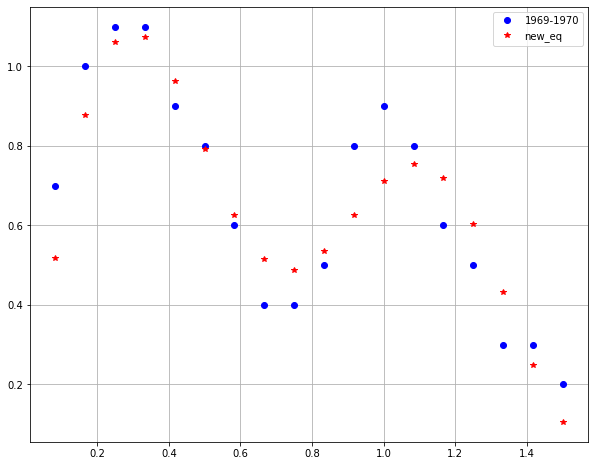


avg\_eq =1.189035\*np.sin(0.699276\*x)+(-0.920625\*x+0.755611)\*np.sin(5.417646\*x) +0.014571



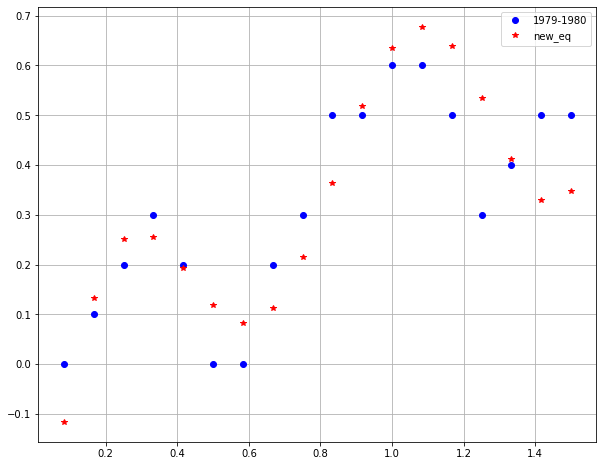
# change 1,2,4 #best fitness 10.5425

return 0.754583\*np.sin(1.650590\*x)+(-0.920625\*x+0.991321) \*np.sin(5.417650\*x)+0.014571



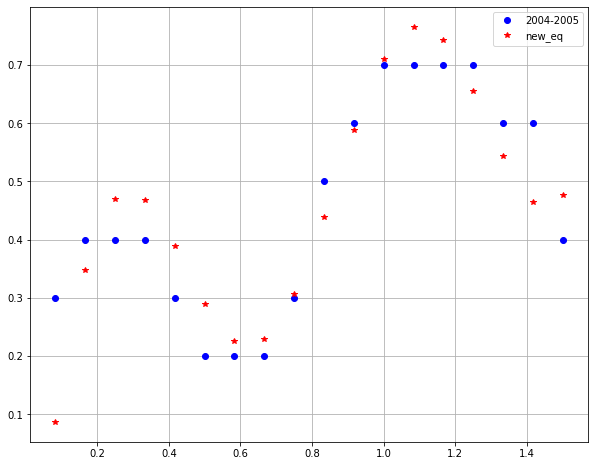
# change 1,2,4,6 #best fitness 10.750963

return 8.447183\*np.sin(0.115486\*x)+(-0.920625\*x+0.731570) \*np.sin(5.417650\*x)+-0.483086



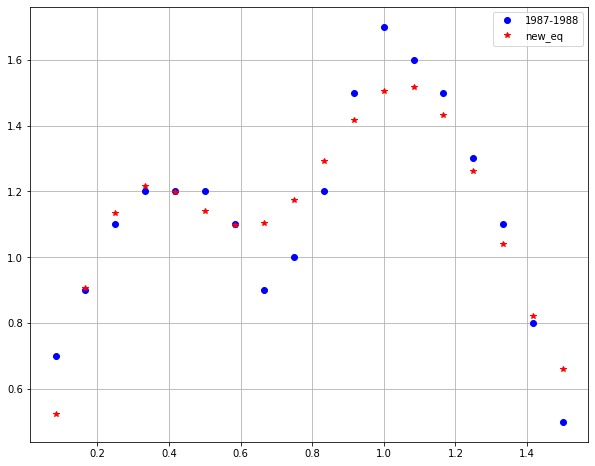
# change 1,2,4,6 #best fitness 7.96481

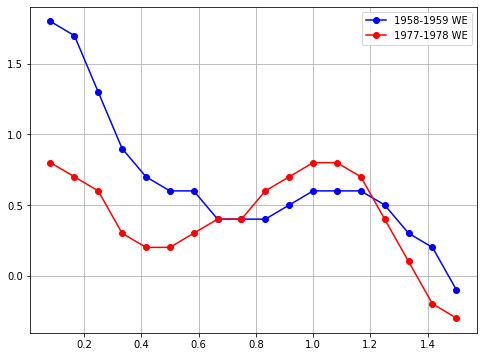
return 7.800660\*np.sin(0.115838\*x)+(-0.920625\*x+0.782986) \*np.sin(5.417650\*x)+-0.296717



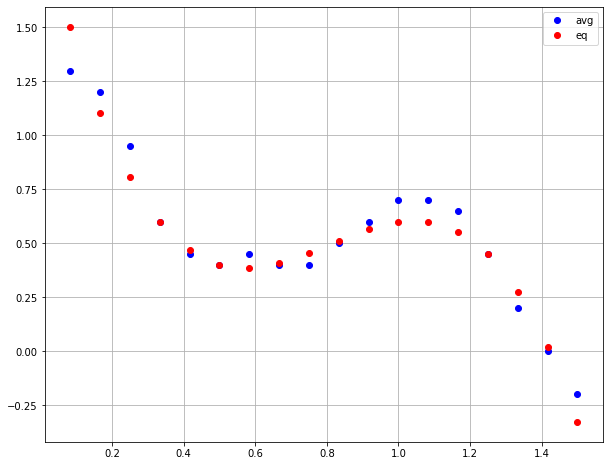
# change 1,2,4 #best fitness 10.6685

return 1.440270\*np.sin(1.468600\*x)+(-0.920625\*x+0.845974) \*np.sin(5.417650\*x)+0.014571



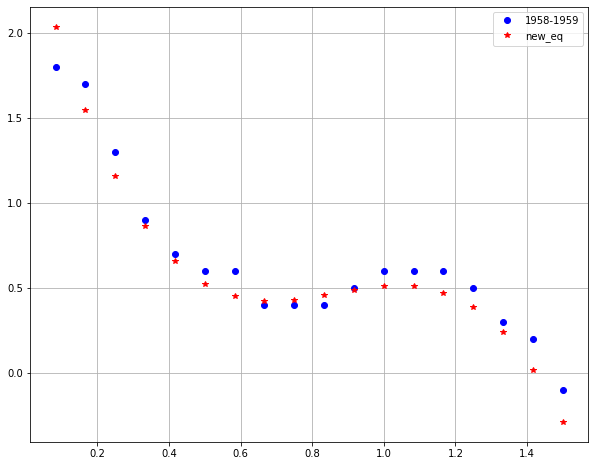


avg\_eq = (1.4221796-x) \* (2\*x\*(x-0.995554)+(2\*x-0.64533426)\*np.sin(x-0.694731)+1.0)



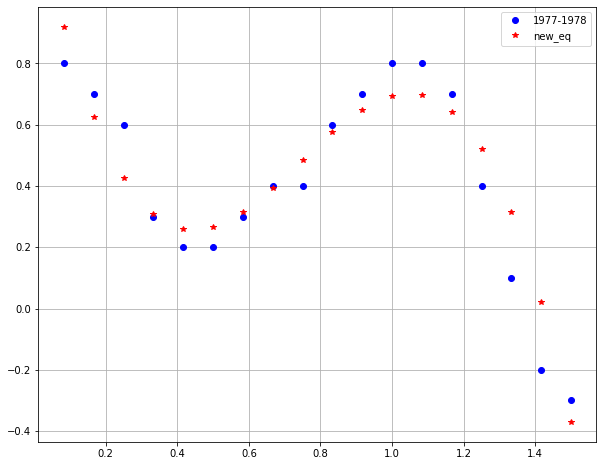
# change 3 #best fitness 11.8577

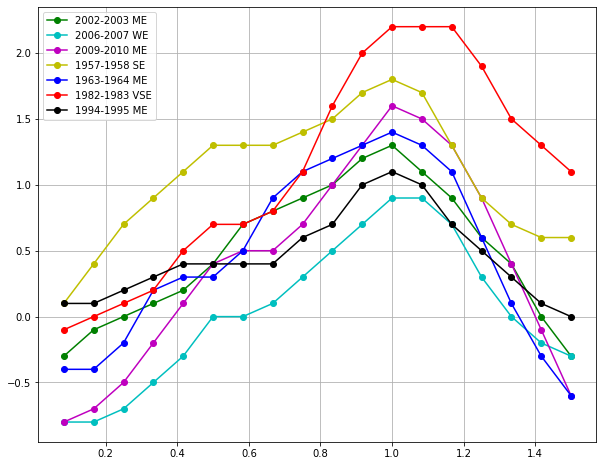
return (1.422180-x)\*(2\*x\*(x-0.995554)+(2\*x-1.339720) \*np.sin(x-0.694731)+1.0)



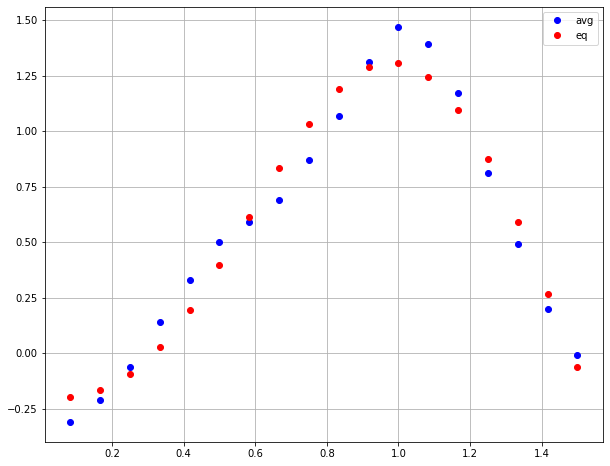
#change 3 #best fitness 10.795051

return (1.422180-x)\*(2\*x\*(x-0.995554)+(2\*x--0.114362) \*np.sin(x-0.694731)+1.0)



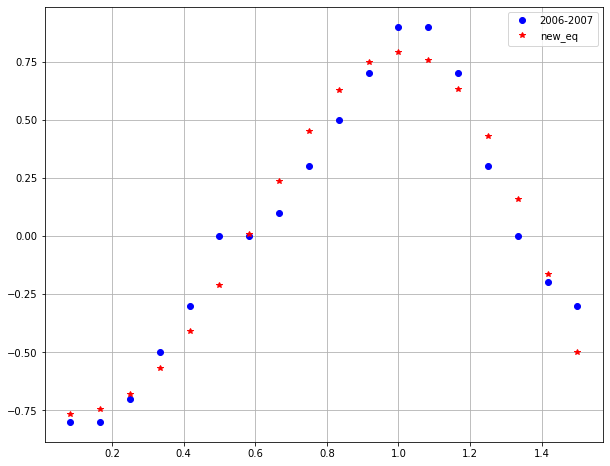


avg\_eq = 0.660694\*x+x\*np.sin(3.211015\*x-1.065241)-0.192678



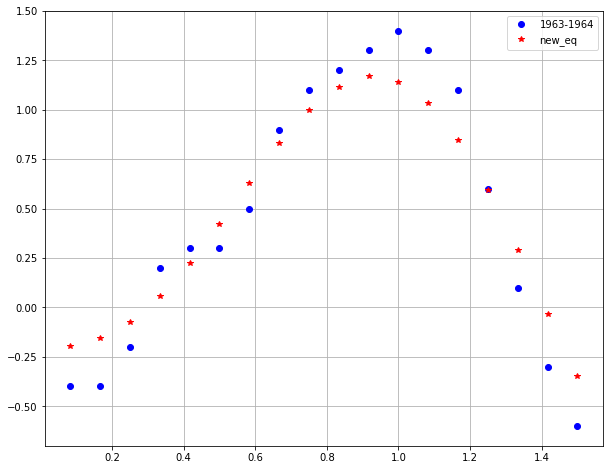
#change 3,4 #best fitness 11.641994

return 0.660694\*x+x\*np.sin(3.211010\*x-1.164224)-0.756267



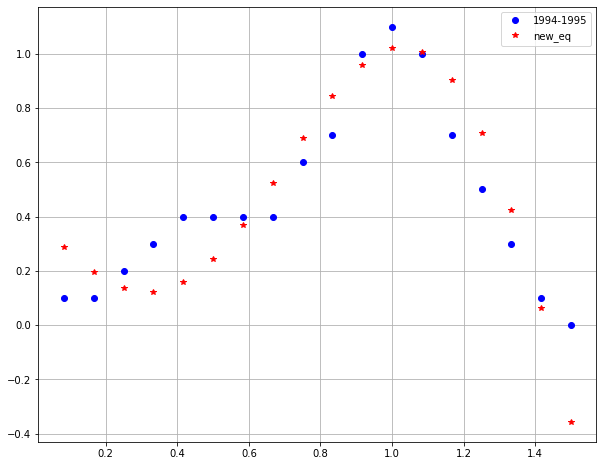
#change 1,3 #best fitness 18.105898

return 0.590984\*x+x\*np.sin(3.211015\*x-0.908812)-0.192678



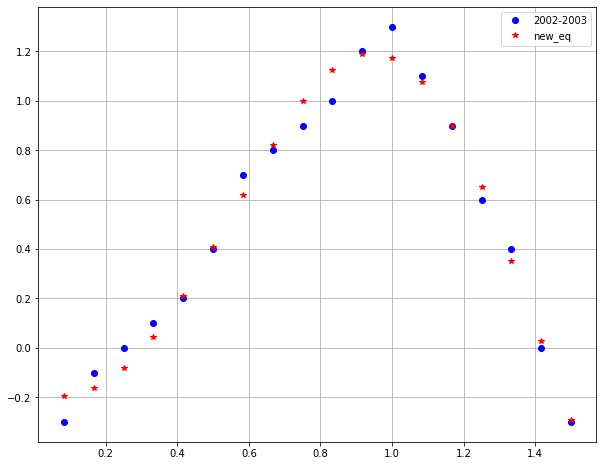
#change 1,3,4 #best fitness 15.751081

return -0.370771\*x+x\*np.sin(3.211010\*x-1.542475)--0.396837



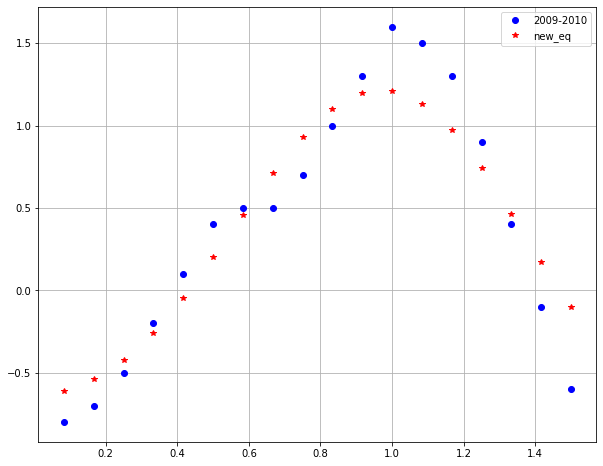
#change 1,3 #best fitness 6.638339

return 0.594481\*x+x\*np.sin(3.211010\*x-0.952424)-0.192678



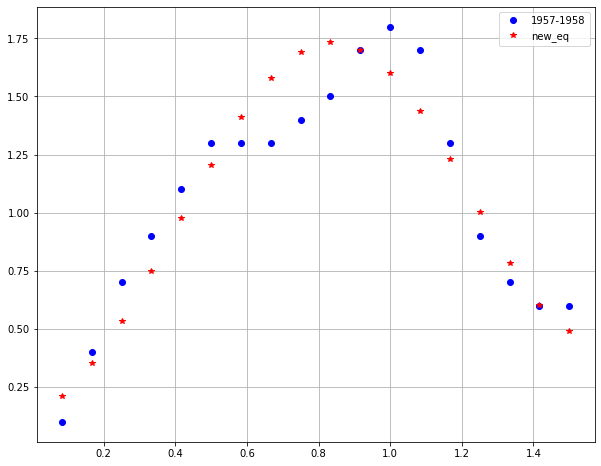
#change 1,2,4 #best fitness 23.579988

return 1.109158\*x+x\*np.sin(3.366371\*x-1.065241)-0.645433



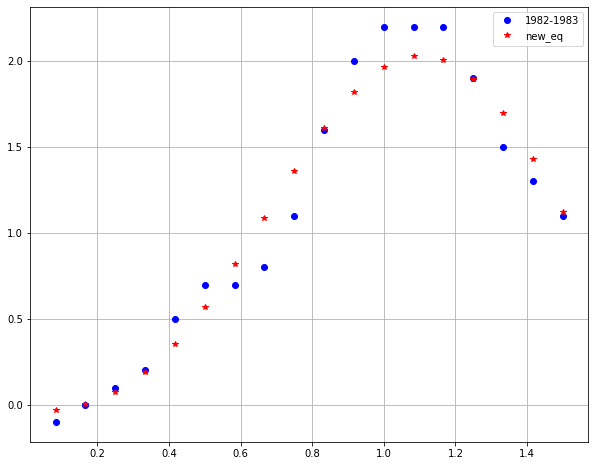
#change 1,3,4 #best fitness 16.024298

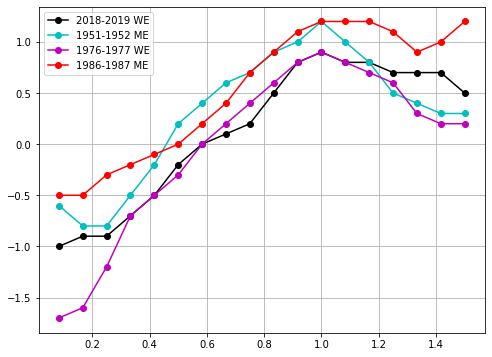
return 1.225919\*x+x\*np.sin(3.211010\*x-0.332064)--0.114485



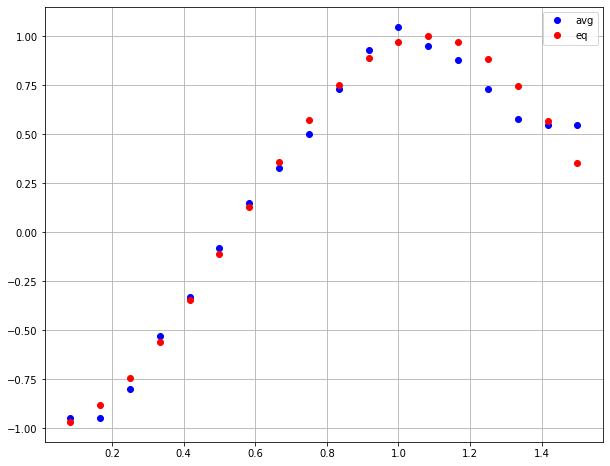
#change 1,3,4 #best fitness 15.245098

return 1.028580\*x+x\*np.sin(3.211010\*x-1.417940)-0.039754



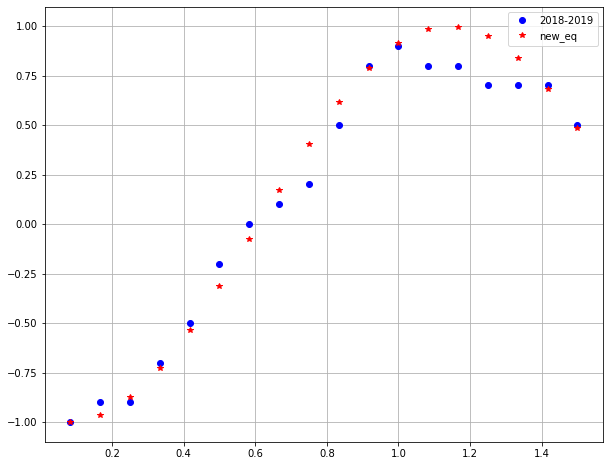


avg\_eq = np.sin(2.892047\*x+4.724232)



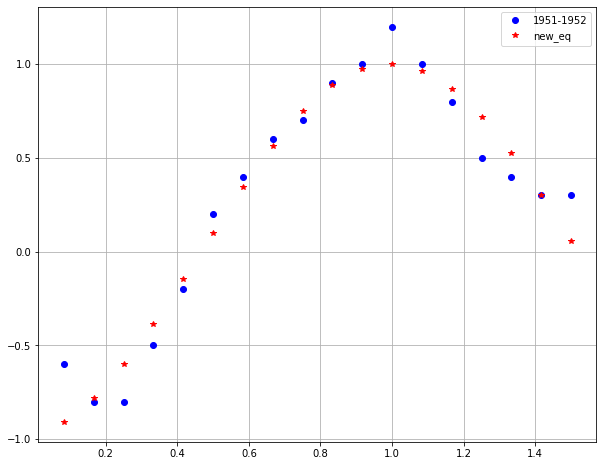
#change 1,2 #best fitness 11.6058

return np.sin(2.955150\*x+4.485220)



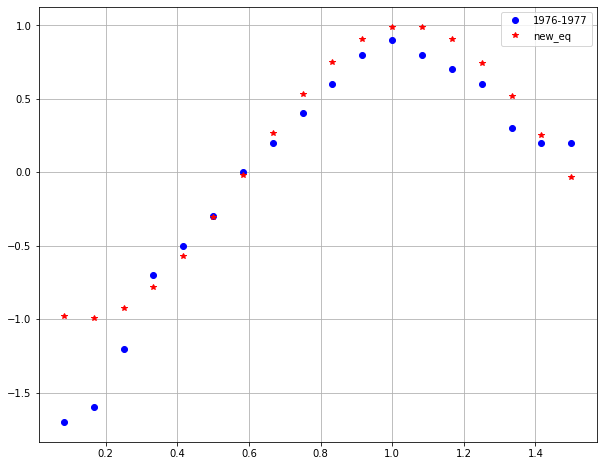
#change 1,2 #best fitness 13.713657

return np.sin(2.980902\*x+4.894319)



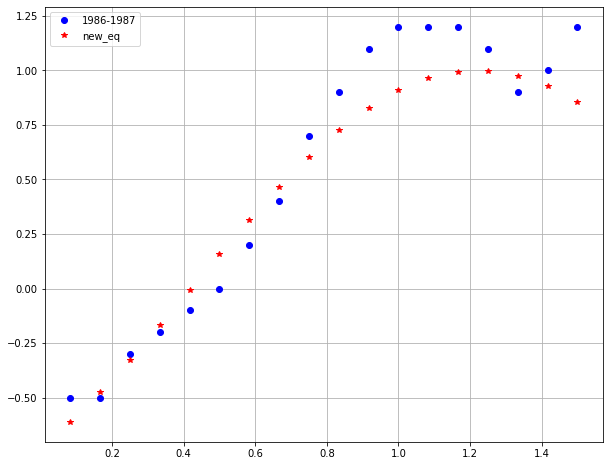
#change 1,2 #best fitness 26.215099

return np.sin(3.486610\*x+4.227690)

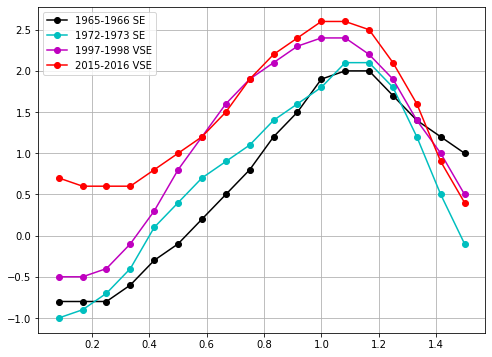


# change 1,2 #best fitness 16.749201

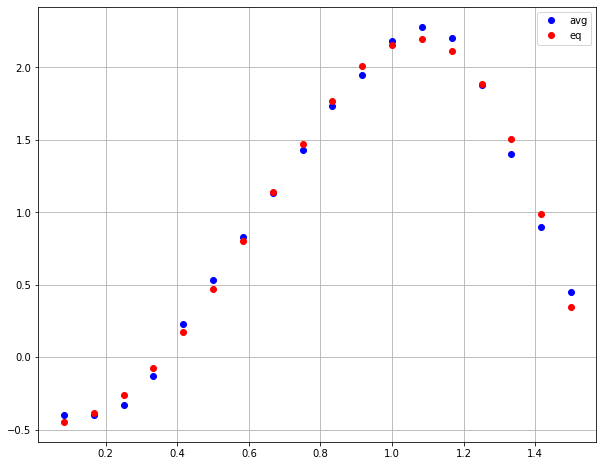
return np.sin(1.958630\*x+-0.820861)





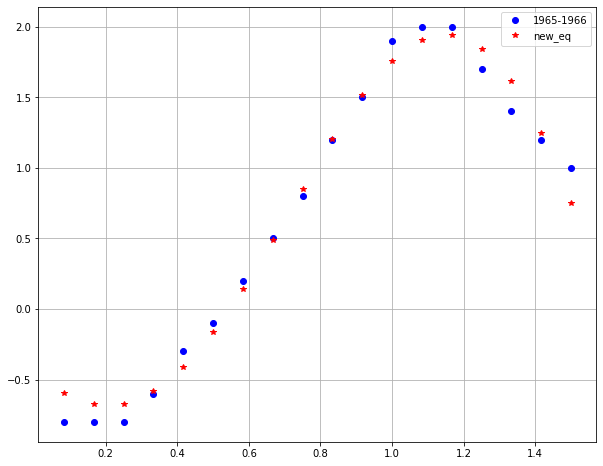


avg\_eq = x+(-0.497150-3.264897\*x)\*np.sin(2.908535\*x) +5.213310\*x\*np.sin(2.648657\*x)-0.441066



#change 1,3 #best fitness 11.954185

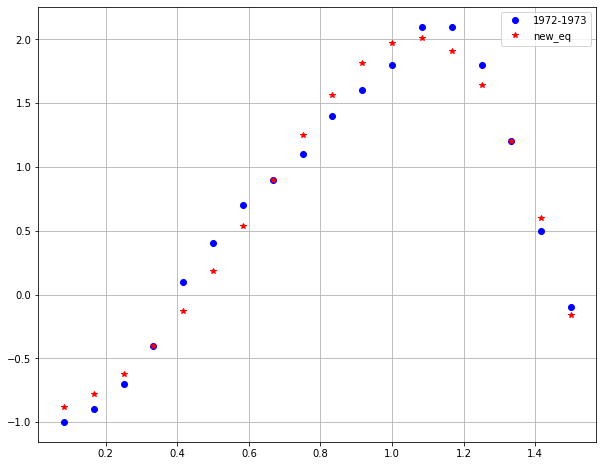
return x+(-1.145090-3.264897\*x)\*np.sin(2.849602\*x) +5.213310\*x\*np.sin(2.648657\*x)-0.441066



#change 1,3,6 #best fitness 14.265

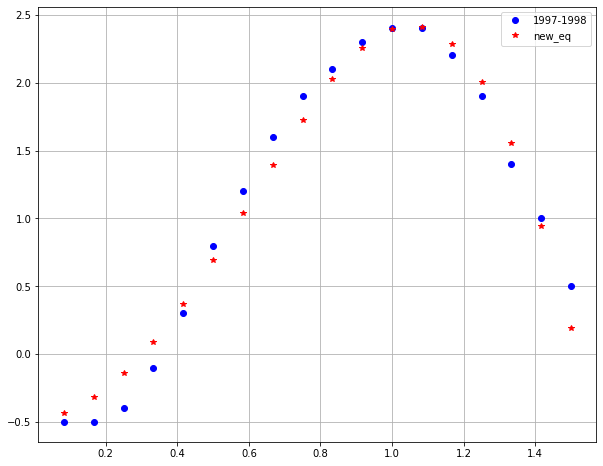
return x+(-0.290019-3.264900\*x)\*np.sin(2.981270\*x)

+5.213310\*x\*np.sin(2.648660\*x)-0.924186



#change 1,3,6 #best fitness 15.091798

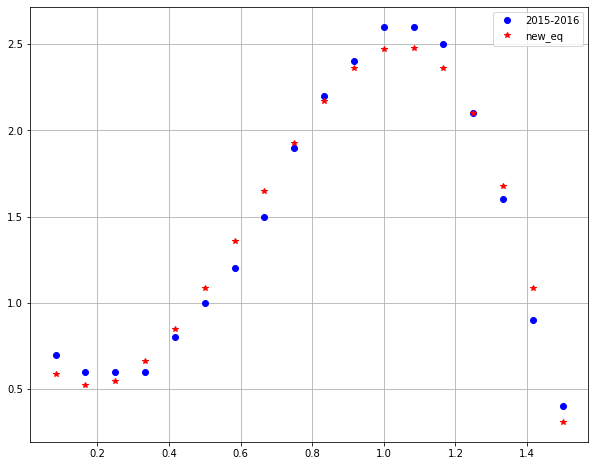
return x+(-0.220951-3.264897\*x)\*np.sin(2.973420\*x) +5.213310\*x\*np.sin(2.648657\*x)-0.488703



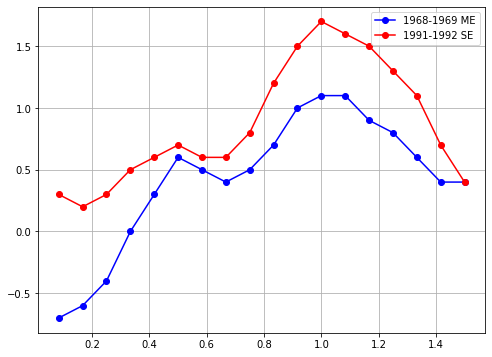
#change 1,3,5,6 #best fitness 10.043792

return x+(-11.884934-3.264900\*x)\*np.sin(0.300947\*x)

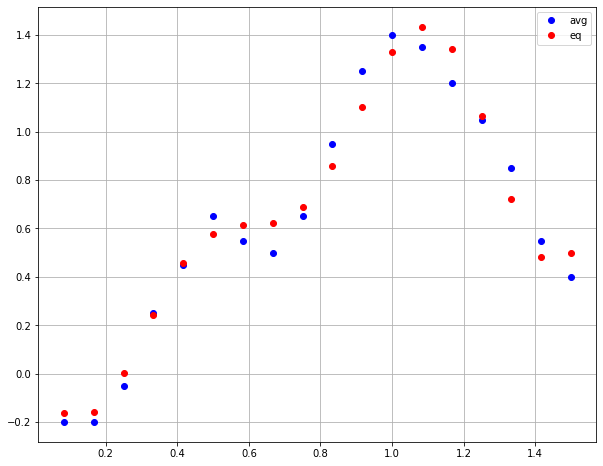
+5.213310\*x\*np.sin(1.588590\*x)--0.750941





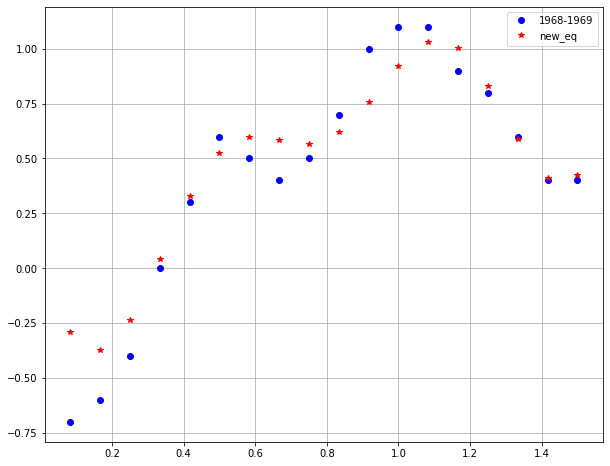


avg\_eq = 1.270450\*np.sin(0.869869\*x)+(0.873001\*x-0.504249)\*np.sin(7.622553\*x)



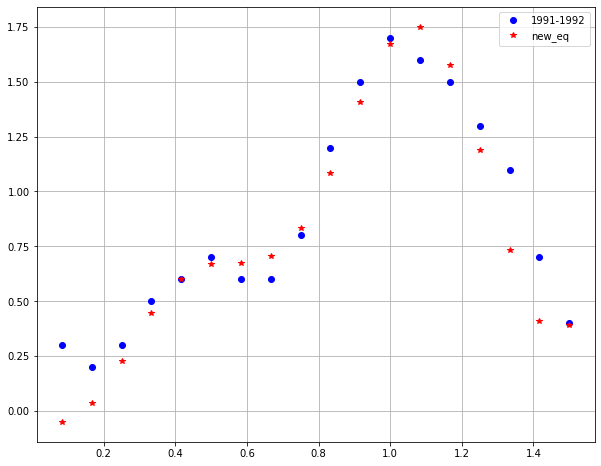
#change 2,4 #best fitness 15.224091

return 1.270450\*np.sin(0.607653\*x)+(0.873001\*x-0.671472) \*np.sin(7.622553\*x)

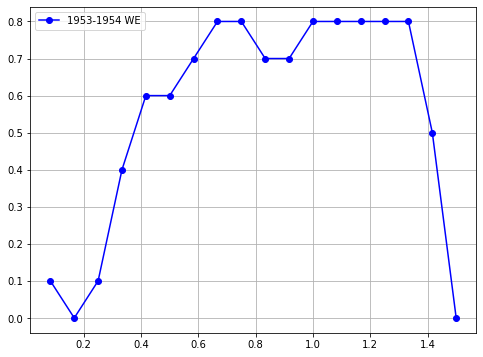


#change 2,4 #best fitness 15.917866

return 1.270450\*np.sin(1.187490\*x)+(0.873001\*x-0.368266) \*np.sin(7.622550\*x)







avg\_eq = -0.513958\*x-(4.298025\*x-0.378910)\*np.sin(x-1.612762) +(x-2.151642)\*x\*np.sin(2.249024\*x)

