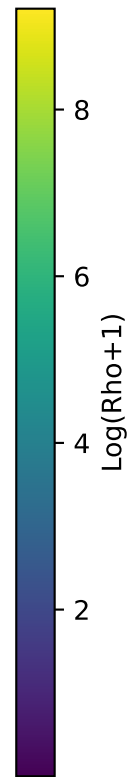


A scatter plot showing the relationship between Log MSE (Accuracy Loss) on the x-axis and Log MSE (Accuracy Loss) on the y-axis. The x-axis ranges from 0.10 to 0.26, and the y-axis ranges from 0.10 to 0.26. The plot displays a positive correlation, with data points clustered along the diagonal line. The points are colored in a gradient from dark purple to yellow, indicating different values or categories. The data points are as follows:

Log MSE (Accuracy Loss) (X)	Log MSE (Accuracy Loss) (Y)	Color
0.105	0.105	Dark Purple
0.105	0.115	Dark Purple
0.105	0.125	Dark Purple
0.105	0.135	Dark Purple
0.105	0.145	Dark Purple
0.105	0.155	Dark Purple
0.105	0.165	Dark Purple
0.105	0.175	Dark Purple
0.105	0.185	Dark Purple
0.105	0.195	Dark Purple
0.105	0.205	Dark Purple
0.105	0.215	Dark Purple
0.105	0.225	Dark Purple
0.105	0.235	Dark Purple
0.105	0.245	Dark Purple
0.105	0.255	Dark Purple
0.105	0.265	Dark Purple
0.105	0.275	Dark Purple
0.105	0.285	Dark Purple
0.105	0.295	Dark Purple
0.105	0.305	Dark Purple
0.105	0.315	Dark Purple
0.105	0.325	Dark Purple
0.105	0.335	Dark Purple
0.105	0.345	Dark Purple
0.105	0.355	Dark Purple
0.105	0.365	Dark Purple
0.105	0.375	Dark Purple
0.105	0.385	Dark Purple
0.105	0.395	Dark Purple
0.105	0.405	Dark Purple
0.105	0.415	Dark Purple
0.105	0.425	Dark Purple
0.105	0.435	Dark Purple
0.105	0.445	Dark Purple
0.105	0.455	Dark Purple
0.105	0.465	Dark Purple
0.105	0.475	Dark Purple
0.105	0.485	Dark Purple
0.105	0.495	Dark Purple
0.105	0.505	Dark Purple
0.105	0.515	Dark Purple
0.105	0.525	Dark Purple
0.105	0.535	Dark Purple
0.105	0.545	Dark Purple
0.105	0.555	Dark Purple
0.105	0.565	Dark Purple
0.105	0.575	Dark Purple
0.105	0.585	Dark Purple
0.105	0.595	Dark Purple
0.105	0.605	Dark Purple
0.105	0.615	Dark Purple
0.105	0.625	Dark Purple
0.105	0.635	Dark Purple
0.105	0.645	Dark Purple
0.105	0.655	Dark Purple
0.105	0.665	Dark Purple
0.105	0.675	Dark Purple
0.105	0.685	Dark Purple
0.105	0.695	Dark Purple
0.105	0.705	Dark Purple
0.105	0.715	Dark Purple
0.105	0.725	Dark Purple
0.105	0.735	Dark Purple
0.105	0.745	Dark Purple
0.105	0.755	Dark Purple
0.105	0.765	Dark Purple
0.105	0.775	Dark Purple
0.105	0.785	Dark Purple
0.105	0.795	Dark Purple
0.105	0.805	Dark Purple
0.105	0.815	Dark Purple
0.105	0.825	Dark Purple
0.105	0.835	Dark Purple
0.105	0.845	Dark Purple
0.105	0.855	Dark Purple
0.105	0.865	Dark Purple
0.105	0.875	Dark Purple
0.105	0.885	Dark Purple
0.105	0.895	Dark Purple
0.105	0.905	Dark Purple
0.105	0.915	Dark Purple
0.105	0.925	Dark Purple
0.105	0.935	Dark Purple
0.105	0.945	Dark Purple
0.105	0.955	Dark Purple
0.105	0.965	Dark Purple
0.105	0.975	Dark Purple
0.105	0.985	Dark Purple
0.105	0.995	Dark Purple
0.105	1.005	Dark Purple
0.105	1.015	Dark Purple
0.105	1.025	Dark Purple
0.105	1.035	Dark Purple
0.105	1.045	Dark Purple
0.105	1.055	Dark Purple
0.105	1.065	Dark Purple
0.105	1.075	Dark Purple
0.105	1.085	Dark Purple
0.105	1.095	Dark Purple
0.105	1.105	Dark Purple
0.105	1.115	Dark Purple
0.105	1.125	Dark Purple
0.105	1.135	Dark Purple
0.105	1.145	Dark Purple
0.105</		



The graph displays the COD Score on the y-axis (ranging from 15 to 30) against Rho on the x-axis (logarithmic scale from  $10^{-6}$  to  $10^4$ ). Two data series are plotted: 'COD (Real Price)' represented by a solid blue line with circular markers, and 'IAAO Limit (15.0)' represented by a horizontal dashed red line at a score of 15.0. The COD (Real Price) series fluctuates significantly, generally staying above the IAAO Limit, with a notable dip around  $10^3$  and a sharp rise towards the end of the range.

Rho	COD (Real Price)	IAAO Limit (15.0)
$10^{-6}$	26.8	15.0
$10^{-5}$	27.5	15.0
$10^{-4}$	26.8	15.0
$10^{-3}$	26.8	15.0
$10^{-2}$	26.5	15.0
$10^{-1}$	26.8	15.0
$10^0$	26.0	15.0
$10^1$	27.5	15.0
$10^2$	26.5	15.0
$10^3$	25.5	15.0
$10^4$	29.5	15.0