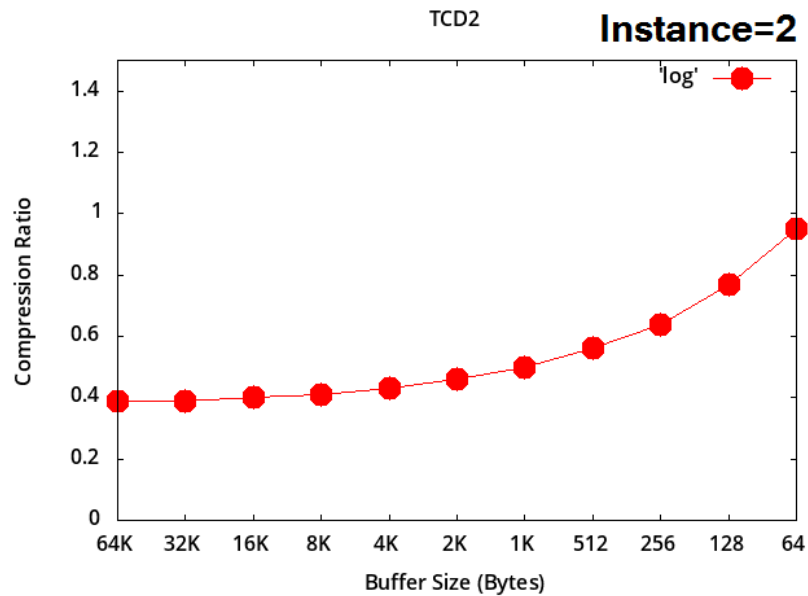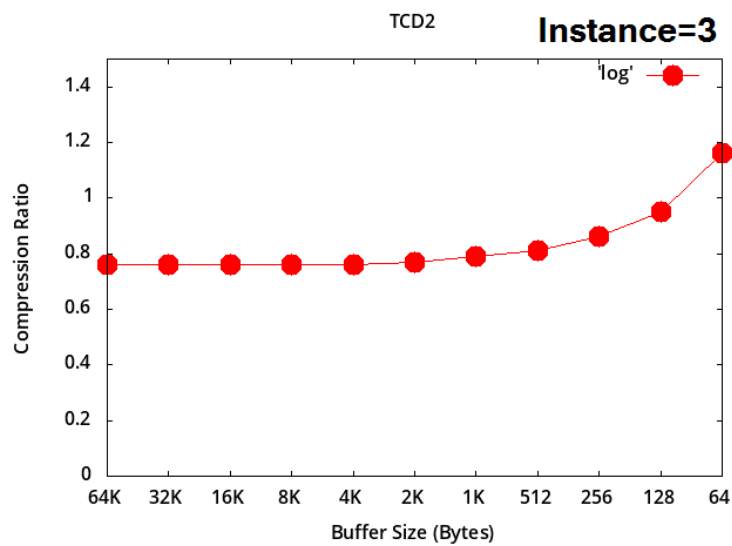# Relation of Number of Instances with Compression Ratio
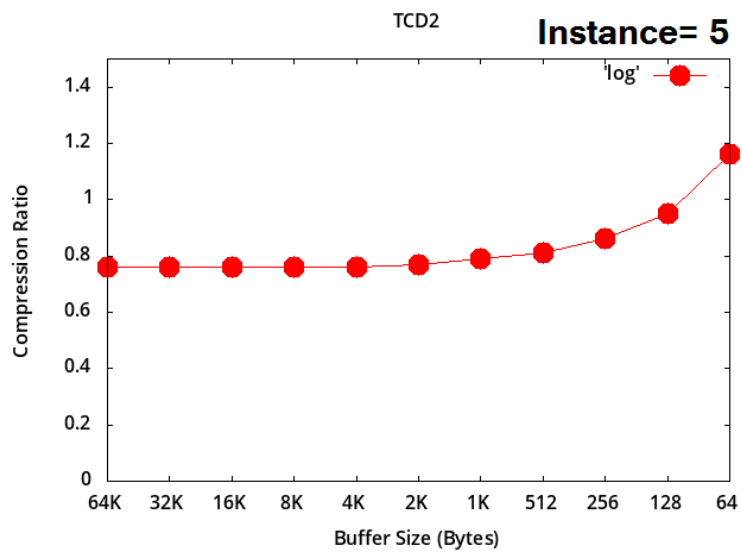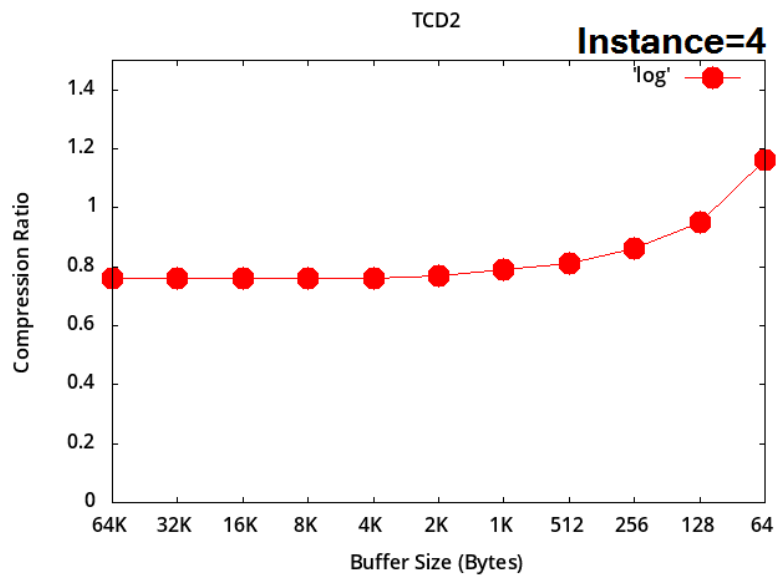
When Instance = 2, Compression ratio increases as buffer size increases.

When Instance = 3, there is decrease in compression ratio compared to when instance =2 . Important thing to observe is to compression ratio crosses 1.

When Instance = 4and 5, its same as when instances =3.

TCD2

Instance=4

TCD2

Instance= 5

When I tried with instances = 6or 8,

The process was stuck at some point and was taking long time. It didn't proceed for hours.