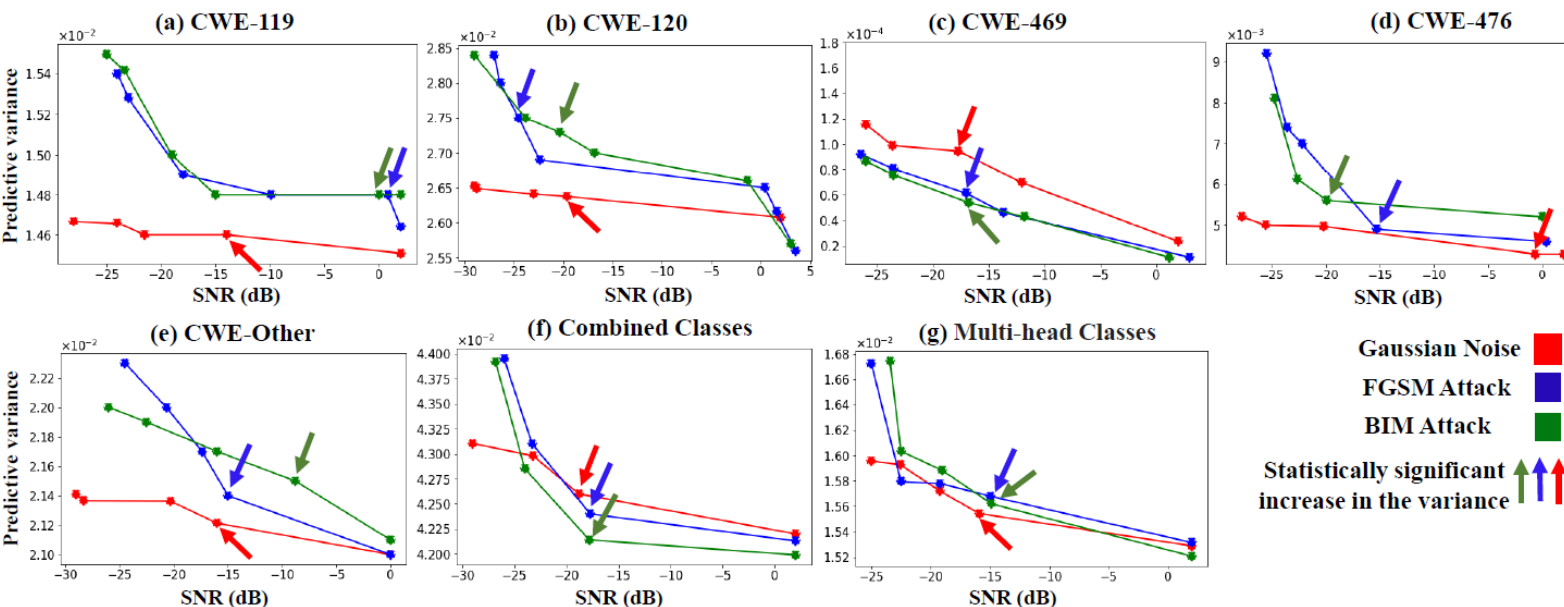


SVD-GRU: Robust Software Vulnerability Detection using Bayesian Gated Recurrent Unit



Vulnerable Class	Associated Flaws
CWE-119	Improper Restriction of Operations within the Bounds of a Memory Buffer
CWE-120	Classic Buffer Overflow
CWE-469	Use of Pointer Subtraction to Determine Size
CWE-476	NULL Pointer Dereference
CWE-other	Buffer Access with Incorrect Length Value, Use of Uninitialized Variable, Improper Input Validation



```

//Load values from database store with channel select
NotificationClient NotificationClient = null; // = NotificationClient.G
if (NotificationClient == null)
{
    NotificationClient = new bl.desktop.NotificationClient() { Deny = fi
}
NotificationClient.Insert();
}
else
{
    NotificationClient.LastRequest = DateTime.Now;
    NotificationClient.RequestCount = NotificationClient.RequestCount +
}
NotificationClient.Update();
}
if (NotificationClient.Deny == false)
{
    NotificationClient = new bl.desktop.NotificationClient() { Deny = fi
}
NotificationClient.Request NotificationClient;
NotificationClient.RequestClientId = NotificationClient.RequestClientAddress;
NotificationRequest.RequestCount = NotificationClient.RequestCount;
NotificationRequest.Timestamp = DateTime.Now;
}
//Redirect message
for (int i = 0; i <= NotificationClient.RequestCount; i++)
    
```