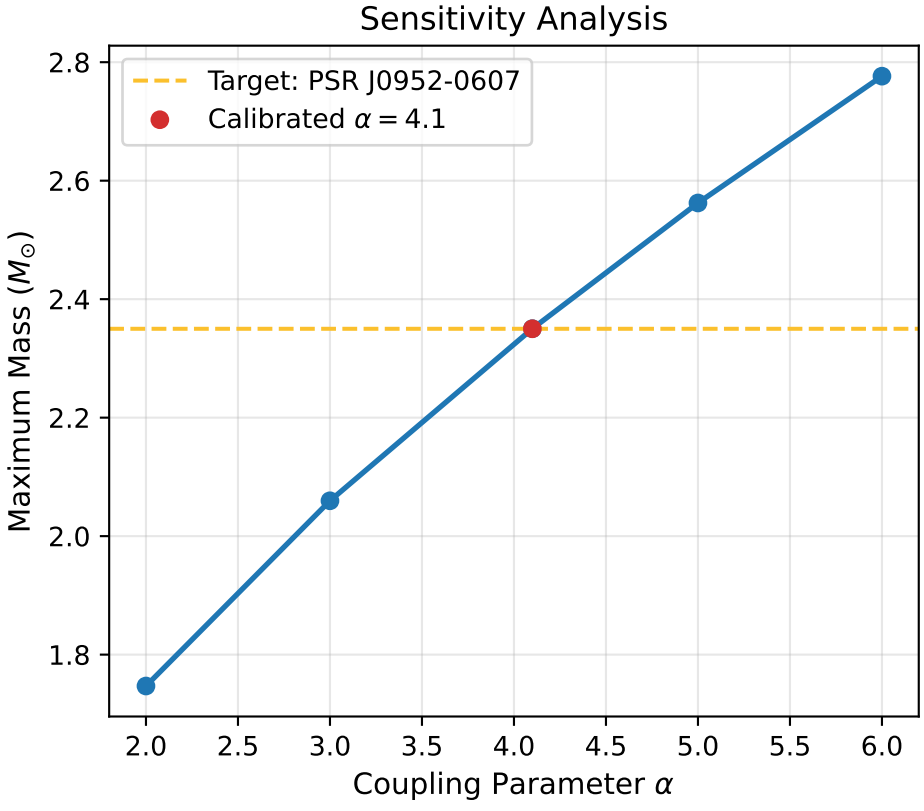
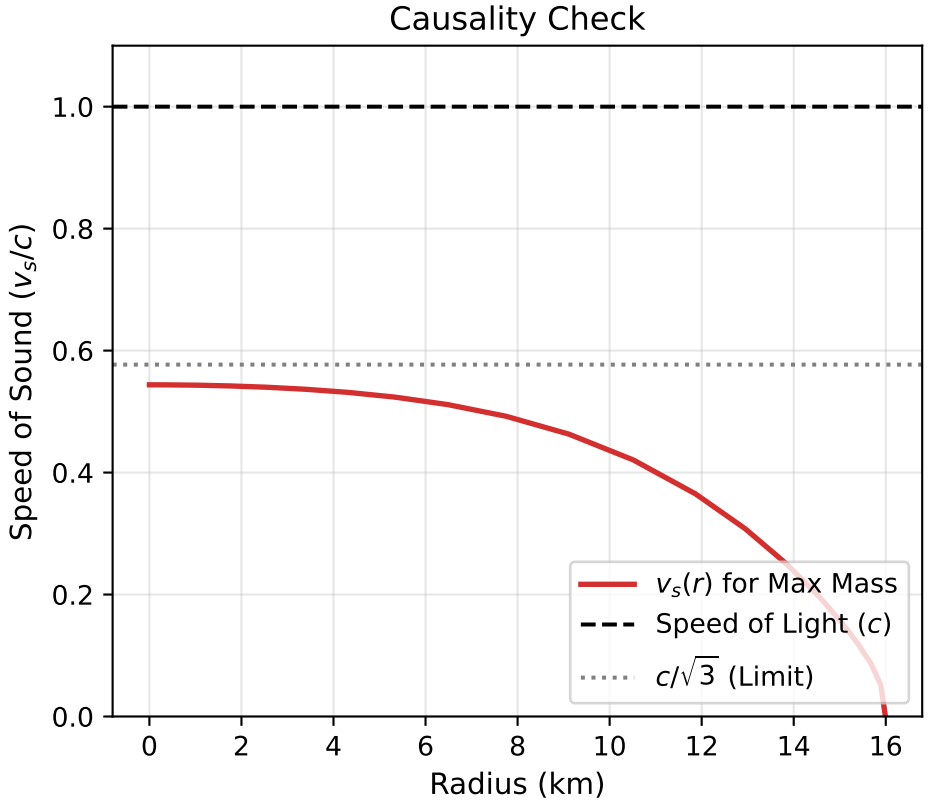

Sensitivity Analysis
Target: PSR J0952-0607
Calibrated $\alpha = 4.1$
Maximum Mass ($M_\odot$)
Coupling Parameter α
2.8
2.6
2.4
2.2
2.0
1.8
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0


Causality Check
Speed of Sound (v_s/c)
Radius (km)
$v_s(r)$ for Max Mass
Speed of Light (c)
$c/\sqrt{3}$ (Limit)
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
14
16