

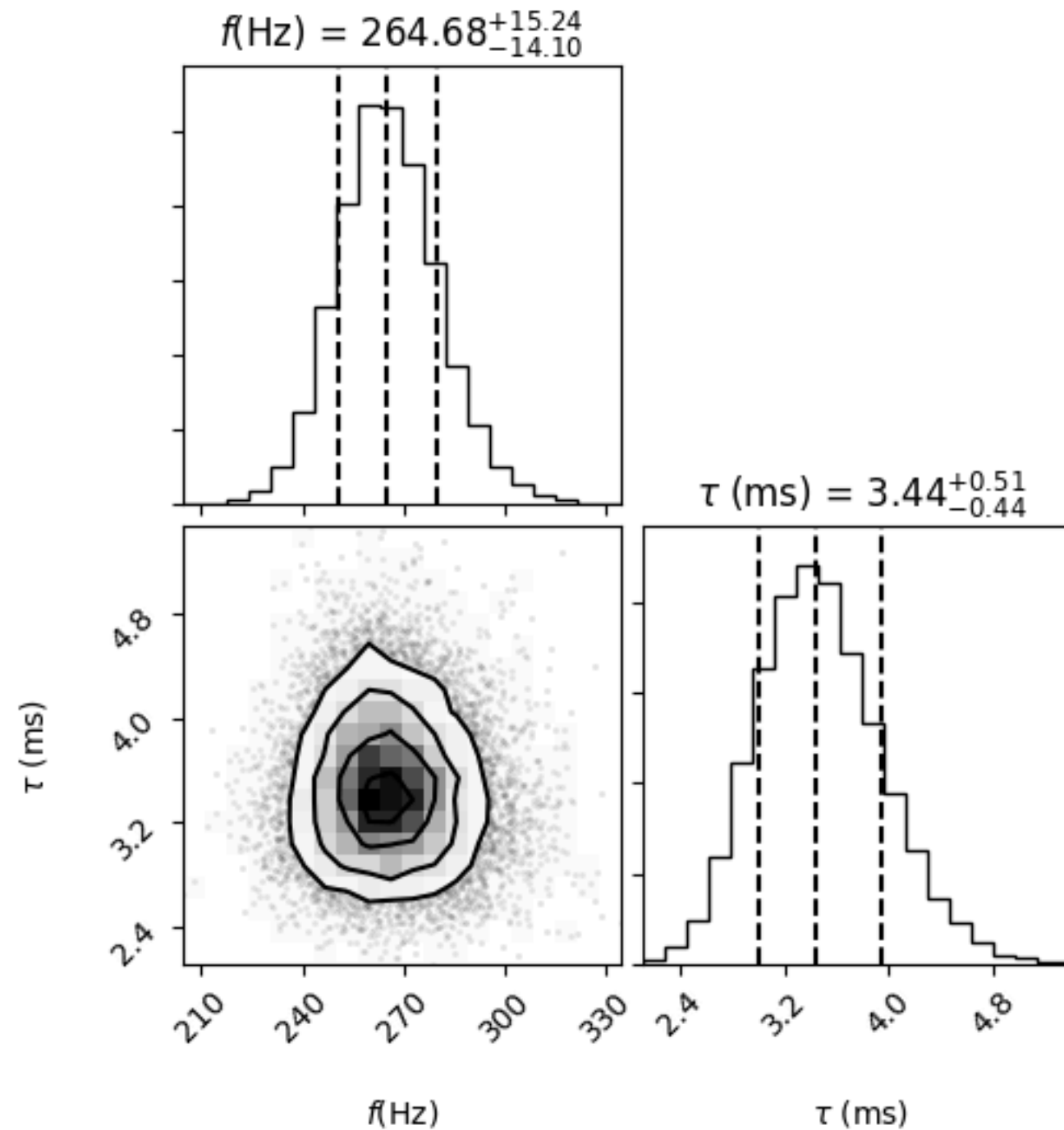
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# Section: Results on GW150914-like injection

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# GW150914: Injection (2,2)

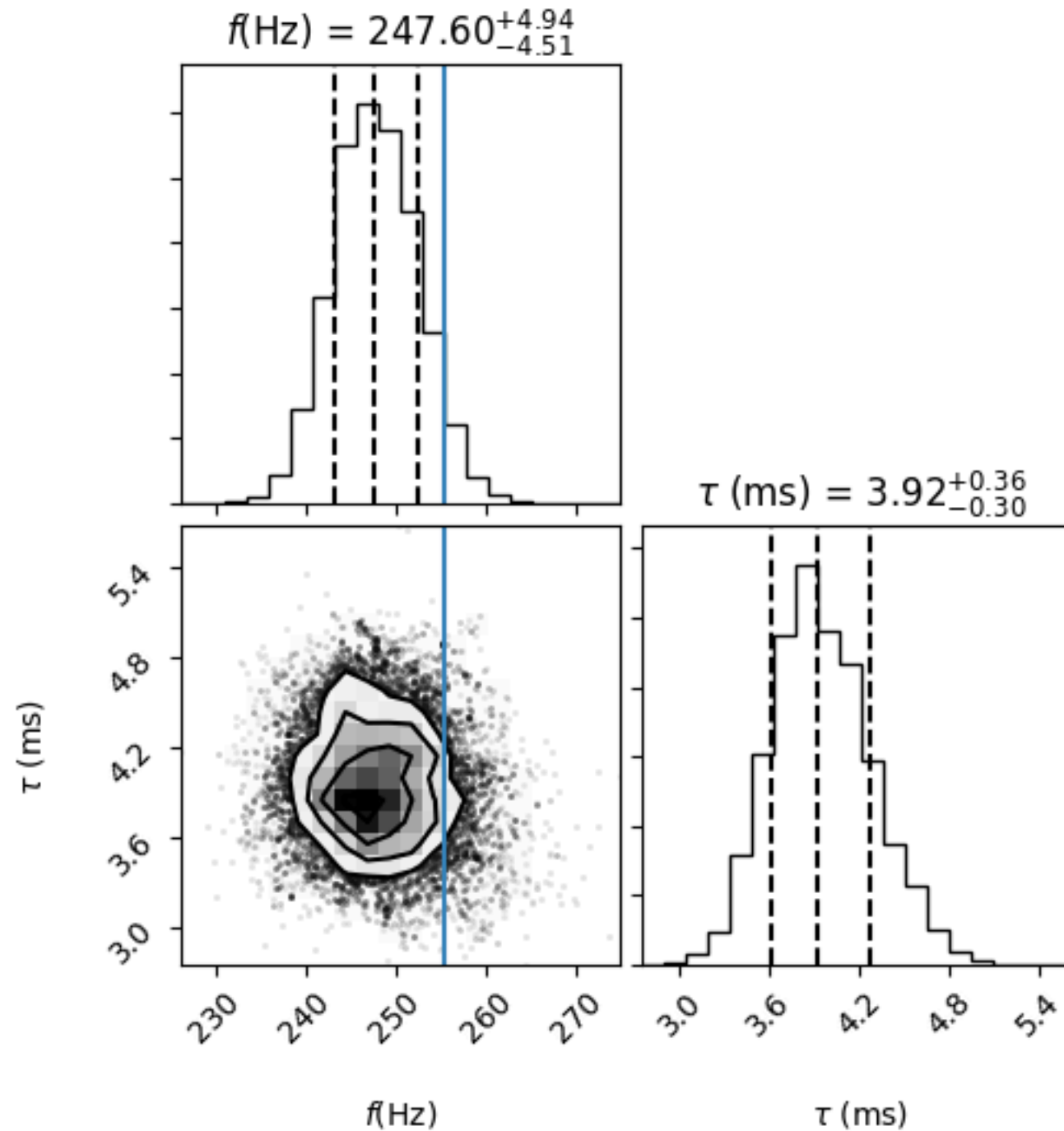
<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/GW150914#software-injections>



# SXS\_BBH\_0007 ( $q=1.5, M_{\text{total}}=70, \text{SNR} \sim 50$ )

## (2,2)

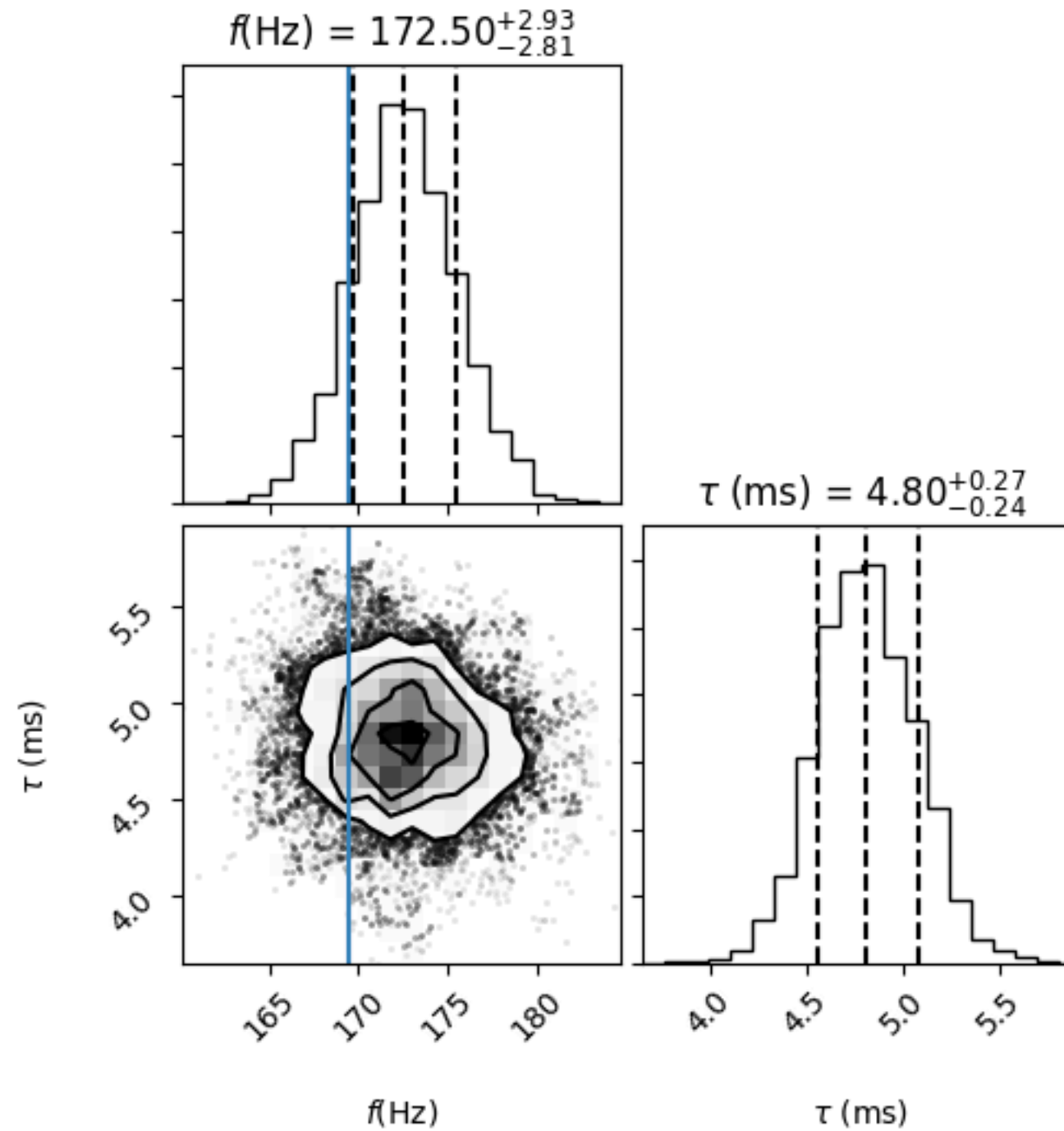
<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/GW150914#nr-injections>



# SXS\_BBH\_0166 ( $q=6, M_{\text{total}}=84, \text{SNR} \sim 70$ )

## (2,2)

<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/GW150914#nr-injections>

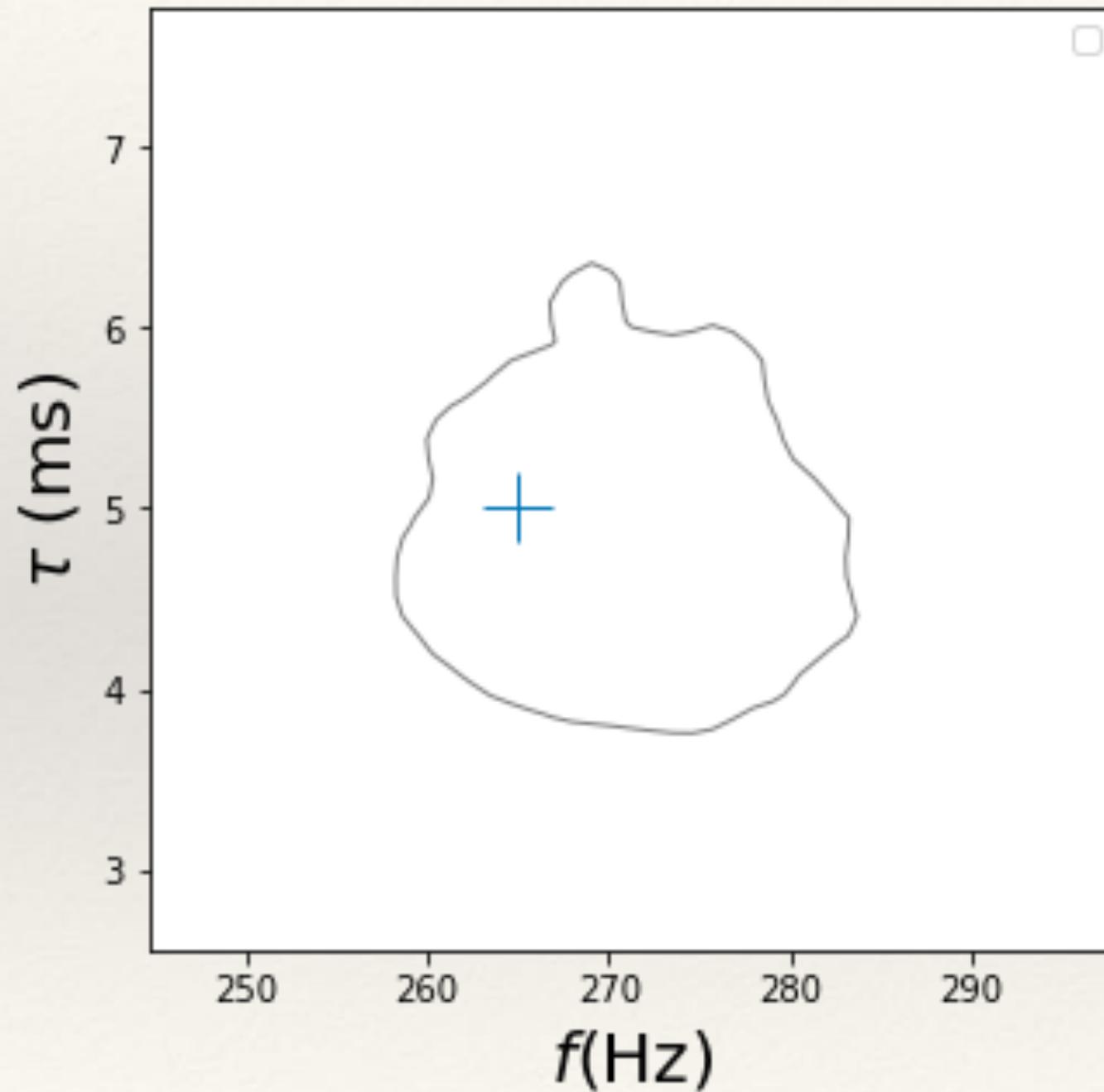


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# SXS\_BBH\_0166 ( $q=6, M_{\text{total}}=84, \text{SNR} \sim 70$ ) (3,3)

<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/GW150914#nr-injections>

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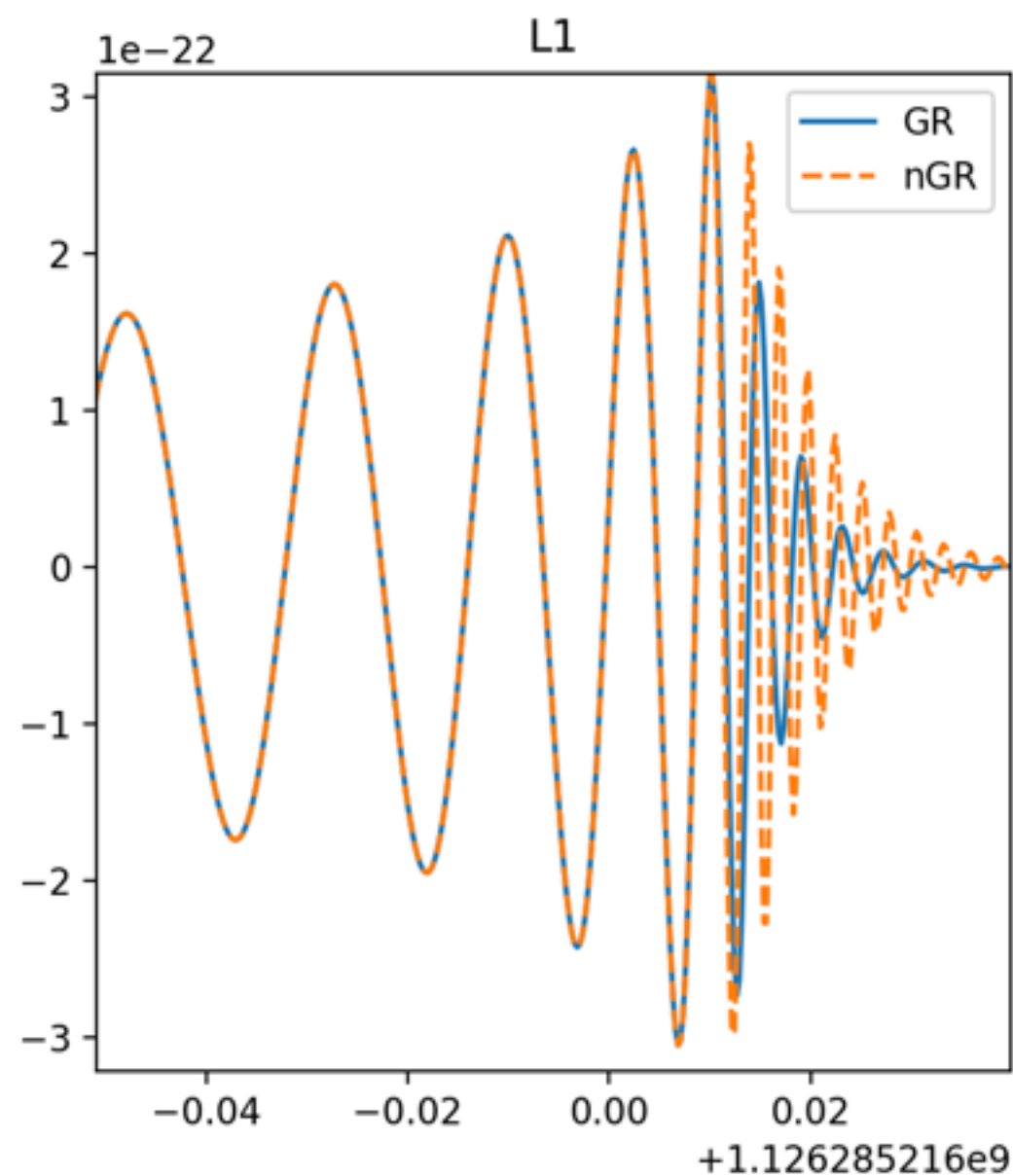
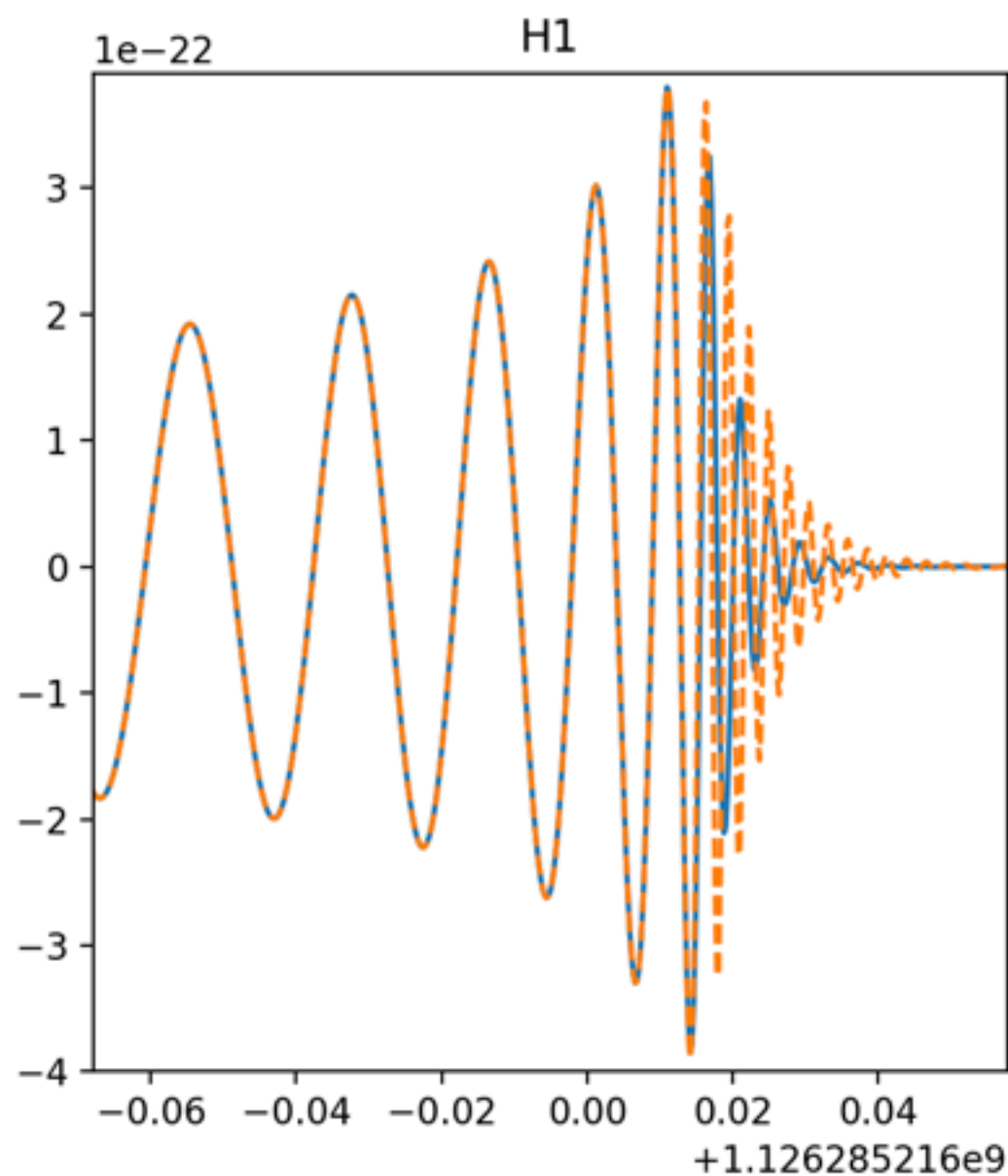
# Section: Results on modGR injection

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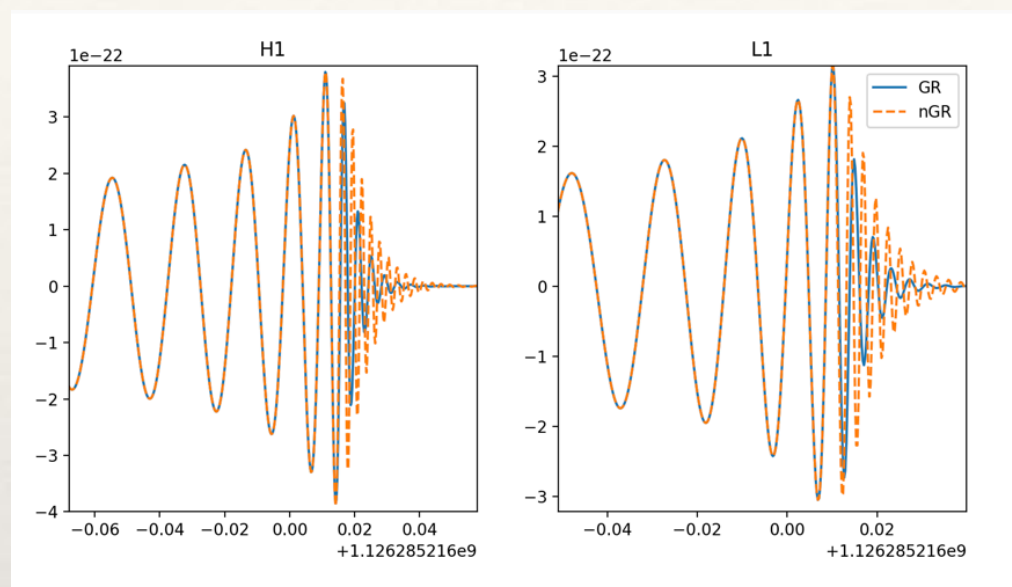
# GW150914: Mod-GR Injection (2,2)

<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/Non-GR-injections>

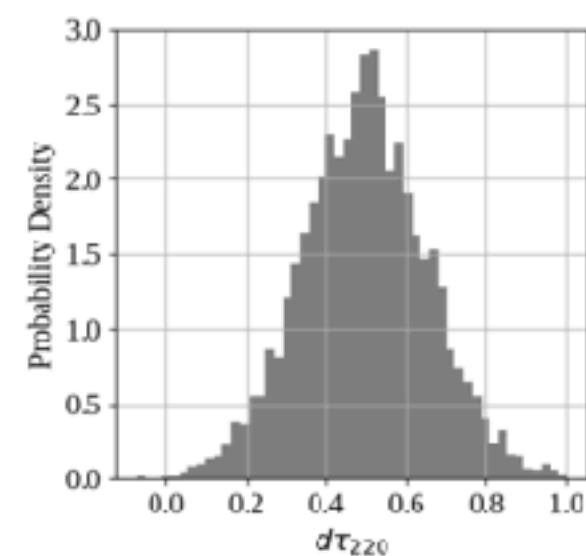
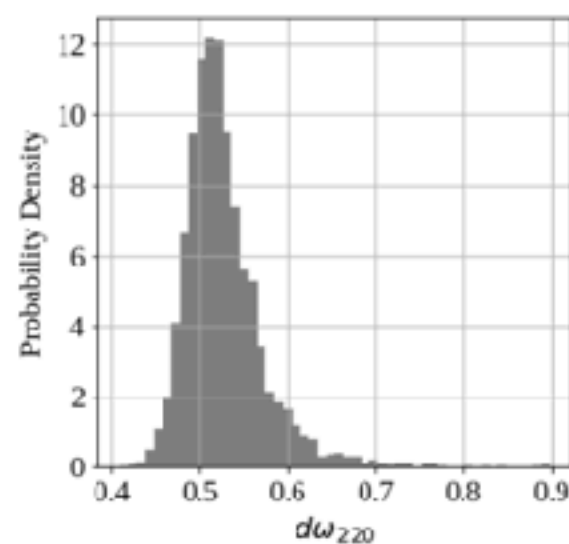


# GW150914: Mod-GR Injection (2,2)

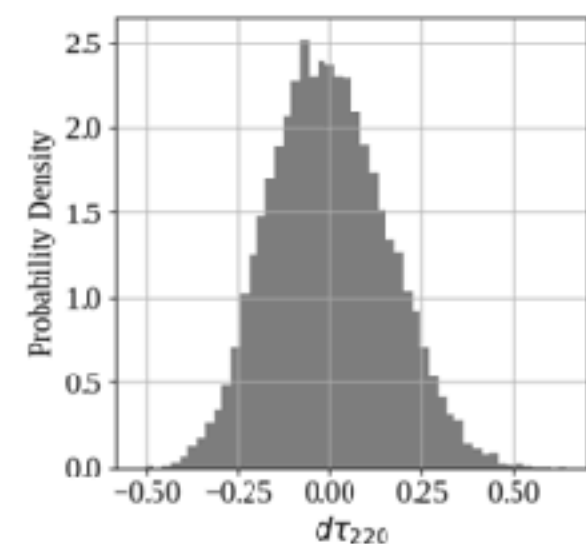
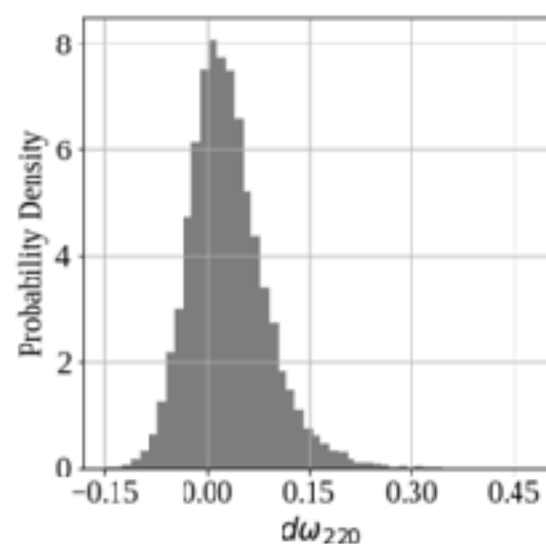
<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/Non-GR-injections>



$\text{d}\omega_{220} = \text{d}\tau_{220} = 0.5$



$\text{d}\omega_{220} = \text{d}\tau_{220} = 0.$



Action Items:

- \* Reconstruct (f,tau)



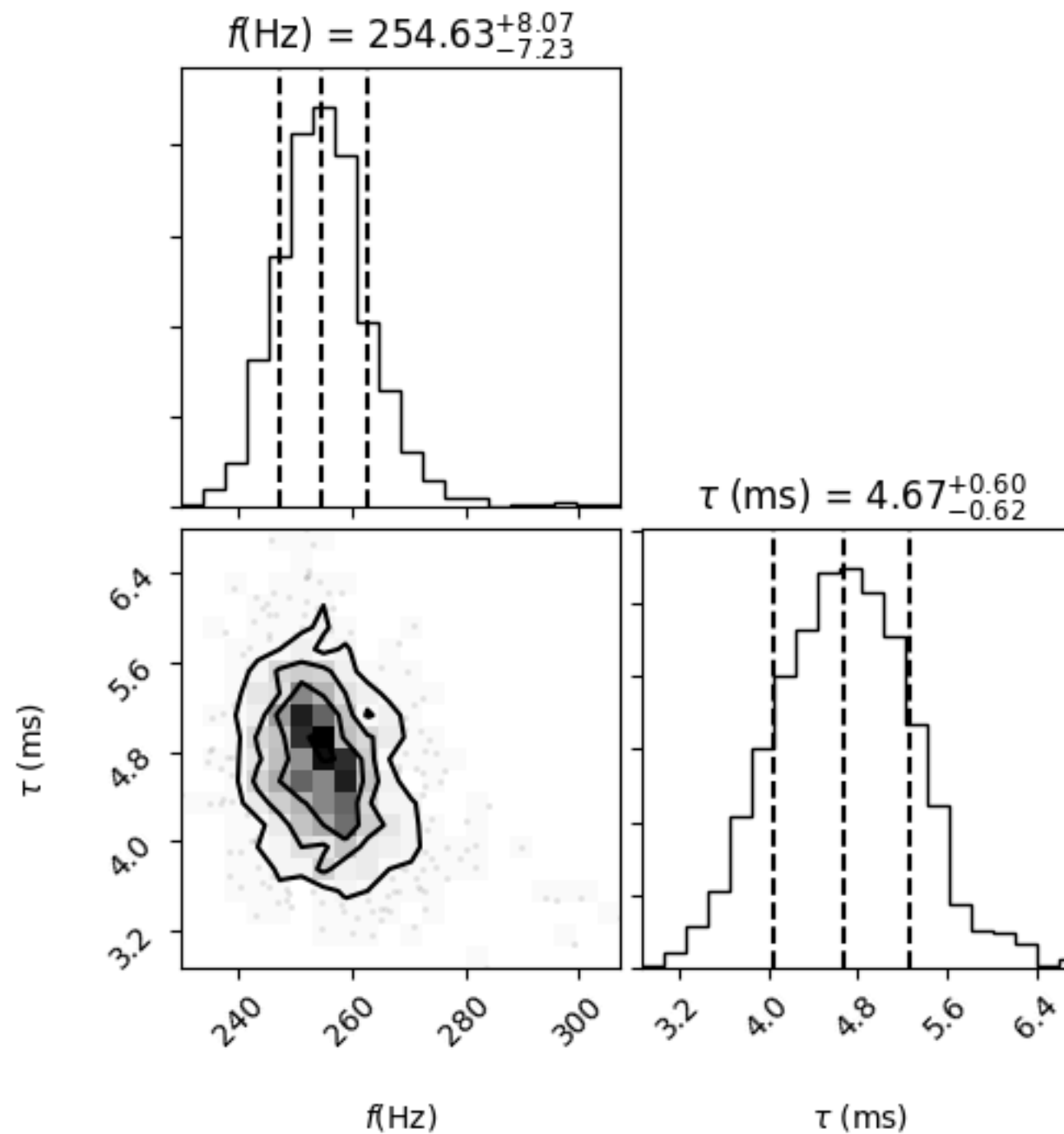
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# Section: Results on actual LIGO-Virgo results

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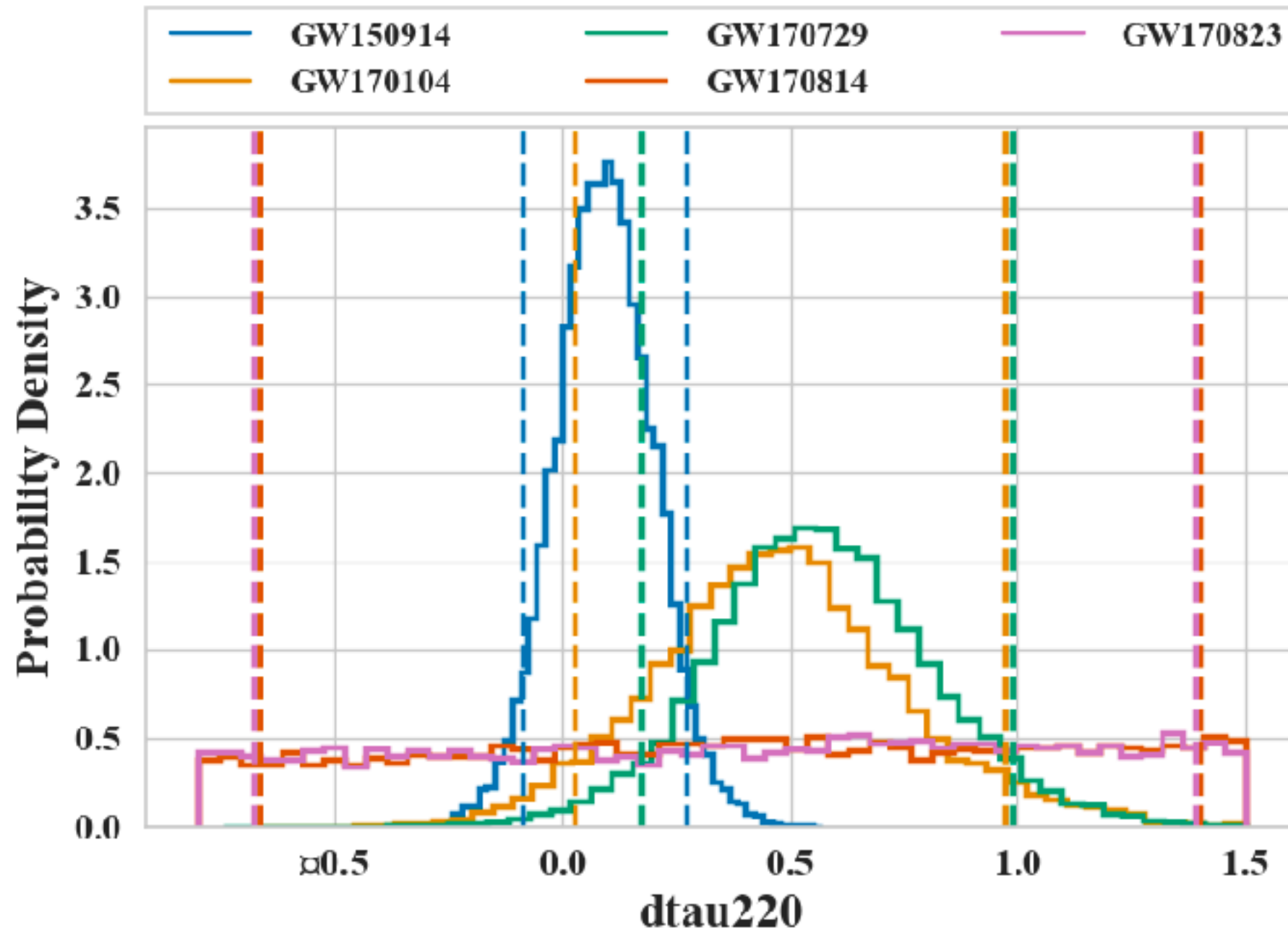
# GW150914

<https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/GW150914#real-data-runs>

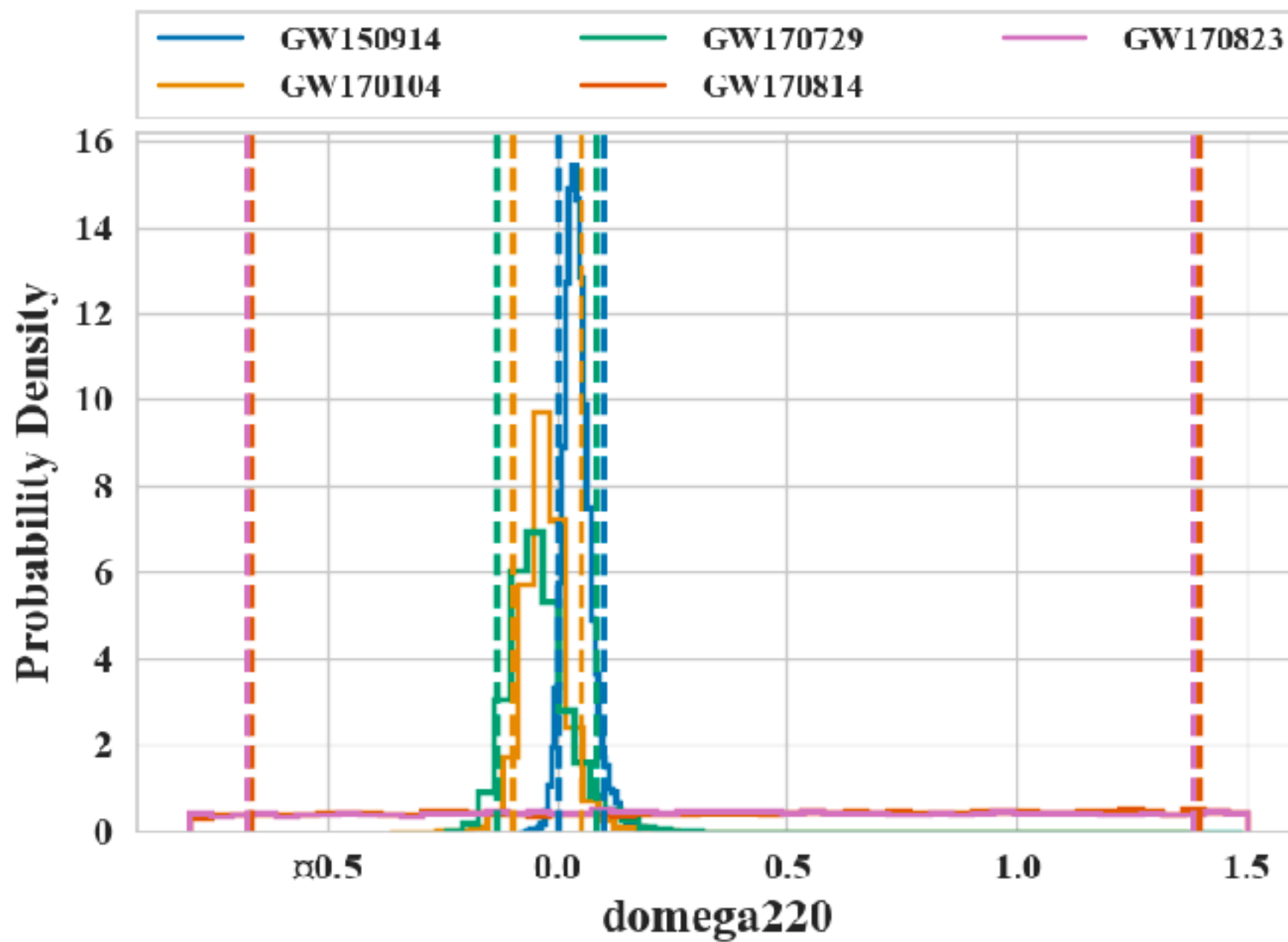


# GW150914 + 01/02

[https://hypatia.aei.mpg.de/~abhirup.ghosh/LVC/spinqnm/runs/parallel\\_bilby/pesummary\\_comparisons/O1O2\\_events/html/Comparison.html](https://hypatia.aei.mpg.de/~abhirup.ghosh/LVC/spinqnm/runs/parallel_bilby/pesummary_comparisons/O1O2_events/html/Comparison.html)



# GW150914 + 01/02



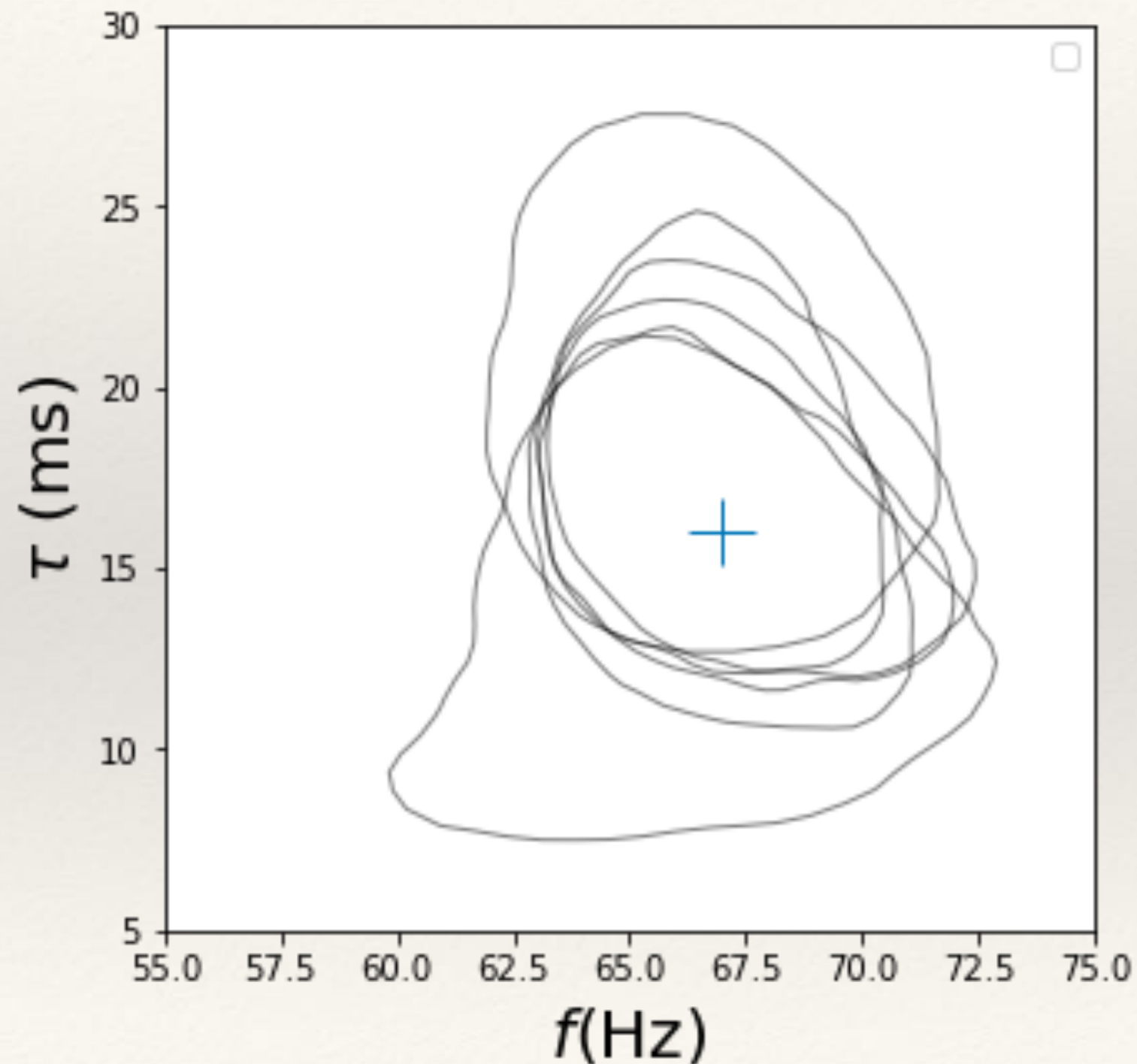
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# Section: Results on noise systematics study

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# 21g Noise Systematics: Gaussian Noise

[https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/S190521g\\_noisesystematics#gaussian-noise](https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/S190521g_noisesystematics#gaussian-noise)





# 21g Noise Systematics: Real Noise

[https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/S190521g\\_noisesystematics#real-noise](https://git.ligo.org/cbc-testinggr/reviews/nohairtesteobhm/-/wikis/S190521g_noisesystematics#real-noise)

