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W' and Z' searches at the LHC

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Searches for extra heavy W' and Z' -bosons in the leptonic Drell-Yan channel at the LHC are favoured by present data. We focus on the common approximations used in theoretical and experimental analyses: neglecting interference and finite width effects. And present the implications of adopting such approximations on the data interpretation and the extraction of exclusion limits on W' and Z' -boson masses. First results from experimental analyses are quoted.

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