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Abstract:

We propose FAST confirmation observations to some carefully selected pulsar candidates from reprocessing Parkes Multibeam Pulsar Survey data. These candidates are from a candidate set in which all the candidates are selected by humans. Three new pulsars were already found in the same set. The candidates are in types of: 1, similar to confirmed new pulsars, have very low accelerations and relative long periods; 2, very good candidates with very high accelerations; 3, good millisecond candidates. Whether any candidates are confirmed or denied will help understanding the pulsar candidate selections and answering why these candidates were missed in previous data processing.