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EWino searches in CheckMate and $(g-2)_\mu$ in the MSSM

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We implemented (and validated) the most recent searches for EWinos in the MSSM into CheckMate. These newly included search results are crucial for the interpretation of the anomalous magnetic moment of the muon. We demonstrate in explicit examples the importance of the correct re-interpretation of the LHC search results via CheckMate w.r.t. a simple-minded application of these bounds. The proper recasting leaves large parts of the MSSM parameter space unexcluded, which is crucial for the $(g-2)_\mu$ interpretation.

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