Erratum: carving out parameter space in type-II two Higgs doublets model

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The statement on p.6 that the global fit favors the light higgs interpretation of the 125GeV state is incorrect. The fit cannot distinguish between the heavy and light hypothesis, since they are exchanged under $\alpha \rightarrow \alpha + \pi/2$. Therefore the last paragraph of section 3.2 should be omitted. For the same reason the third sentence in p.4 should be omitted (that reads “As we will briefly discuss in section 3.2, the alternative hypothesis, that the heavy CP- even scalar is identified with the 125 GeV resonance, is disfavored by data.”).