

$m_H = 125 \text{ GeV}$

7 TeV

8 TeV

Combined

Total

0-jet

 $e\mu/\mu e$ $ee/\mu\mu$

1-jet

 $e\mu/\mu e$ $ee/\mu\mu$ ≥ 2 -jet (ggF) ≥ 2 -jet (VBF) $e\mu/\mu e$ $ee/\mu\mu$ Significance (Z_{obs})Signal strength (μ)