

| PDF | $\alpha_S(m_Z)$ [7 TeV data] | $\alpha_S(m_Z)$ [8 TeV data] |
|------------|------------------------------|------------------------------|
| CT14 | $0.1158^{+0.0048}_{-0.0052}$ | $0.1174^{+0.0041}_{-0.0037}$ |
| HERAPDF2.0 | 0.1075 ± 0.0060 | $0.1038^{+0.0107}_{-0.0073}$ |
| MMHT14 | $0.1192^{+0.0071}_{-0.0059}$ | 0.1184 ± 0.0029 |
| NNPDF3.0 | 0.1123 ± 0.0032 | 0.1148 ± 0.0031 |

| PDF | $\alpha_S(m_Z)$ [symm. PDF uncert.] | $\alpha_S(m_Z)$ [+1% uncorr. uncert.] |
|------------|-------------------------------------|---------------------------------------|
| CT14 | 0.1148 ± 0.0034 | $0.1169^{+0.0027}_{-0.0034}$ |
| HERAPDF2.0 | 0.1119 ± 0.0056 | 0.1089 ± 0.0045 |
| MMHT14 | 0.1185 ± 0.0028 | 0.1186 ± 0.0026 |
| NNPDF3.0 | 0.1147 ± 0.0023 | 0.1155 ± 0.0029 |