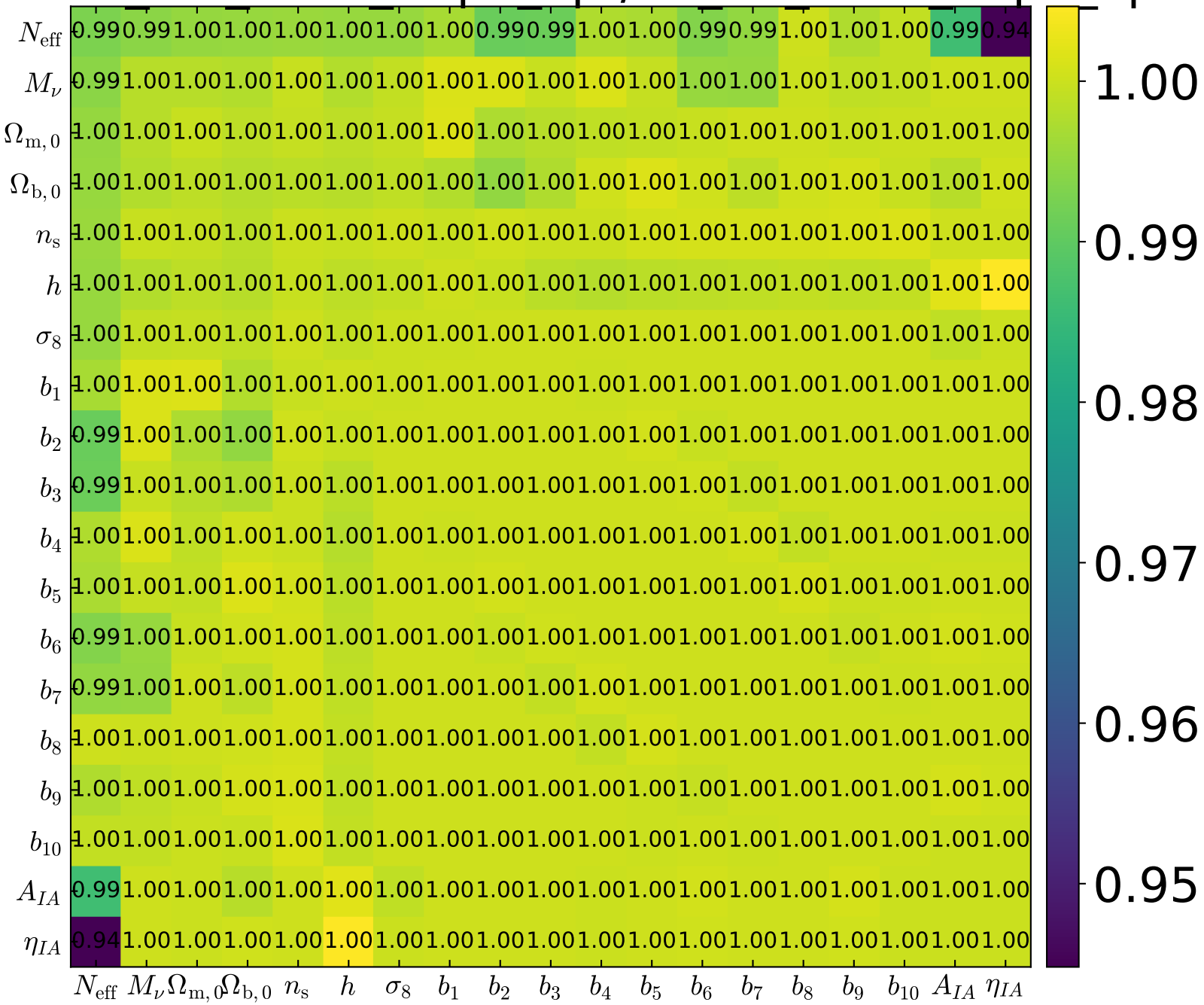Ratio CF_ext_class_XCph_opt/CF_int_class_Xcph_opt