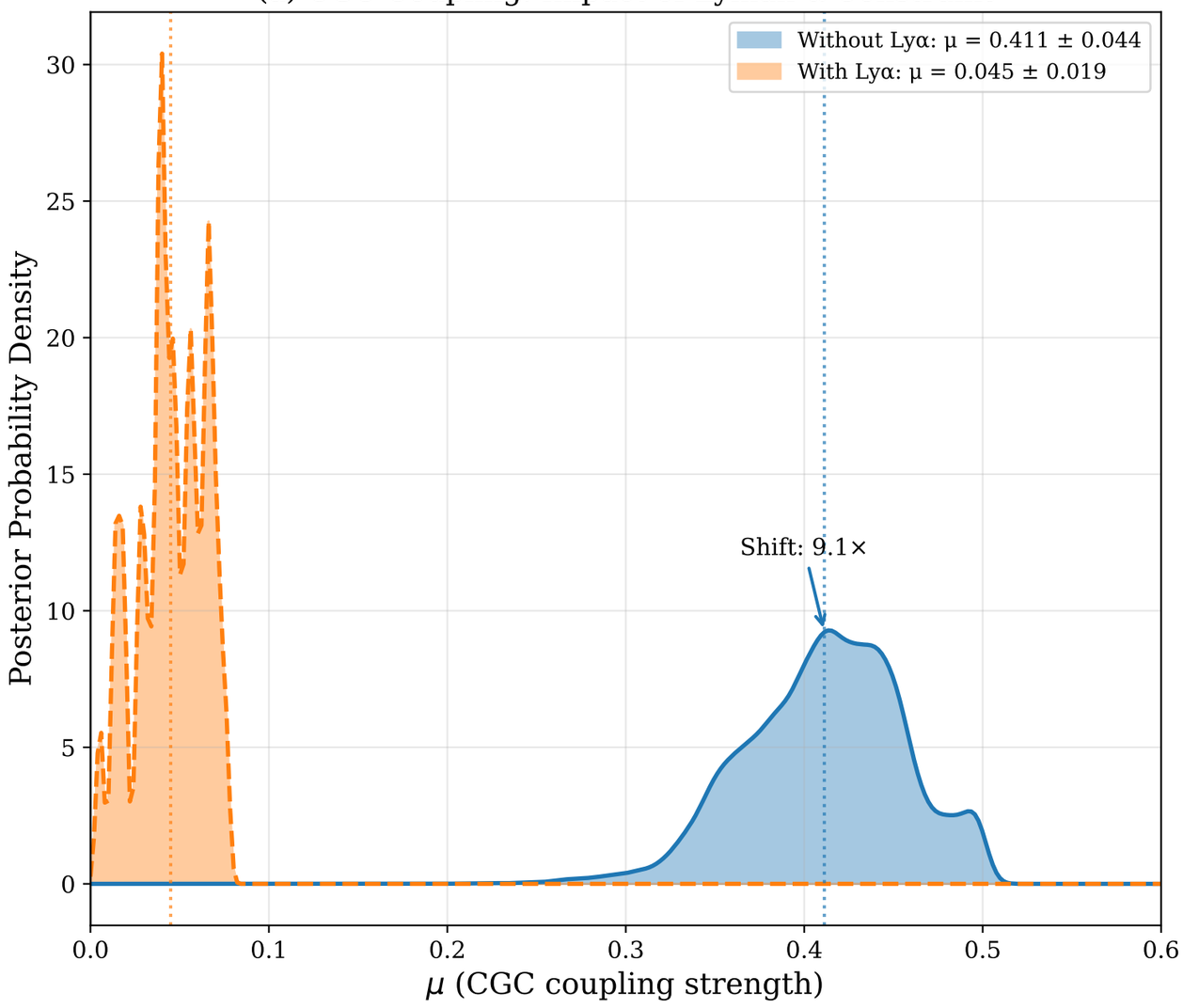

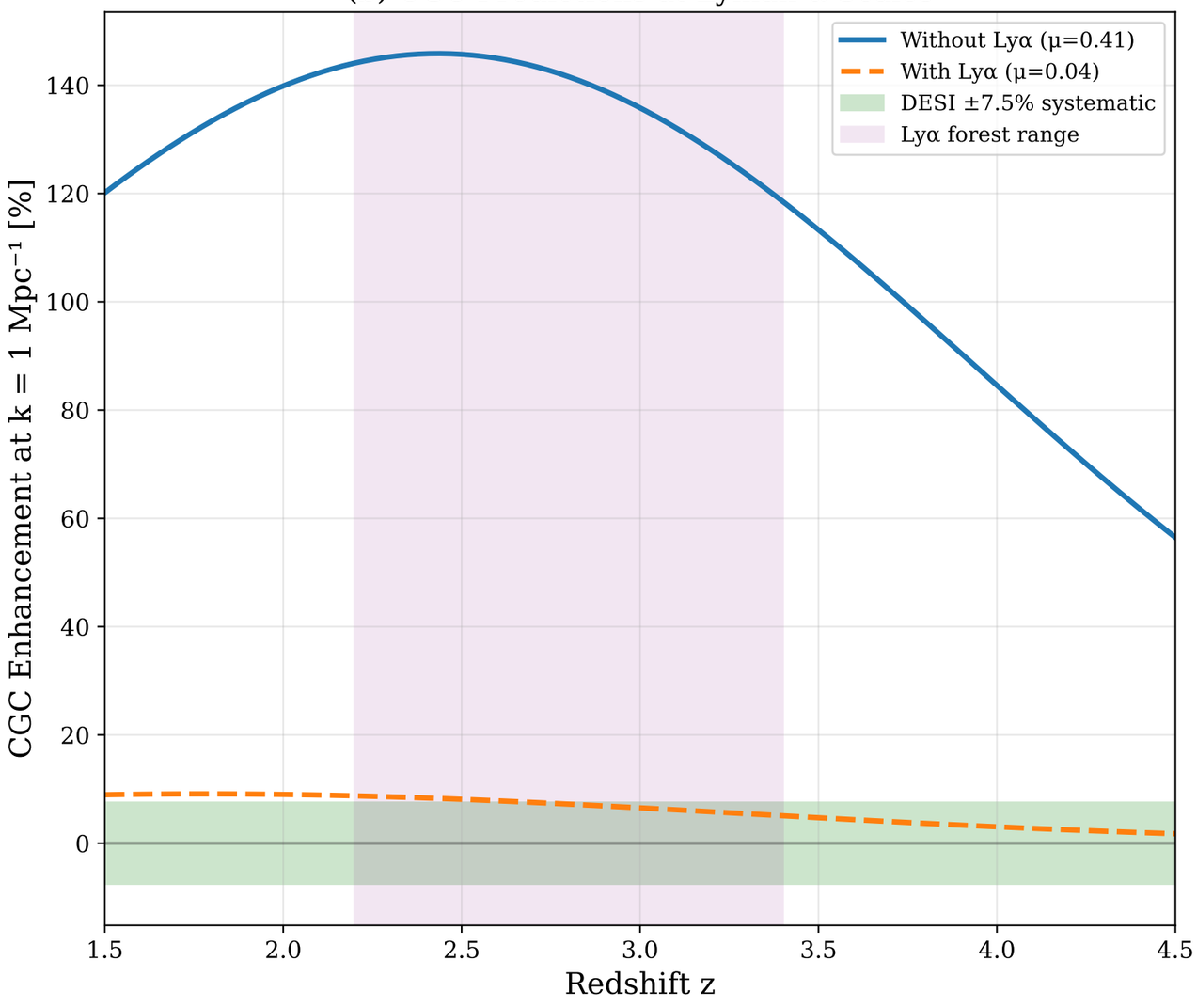

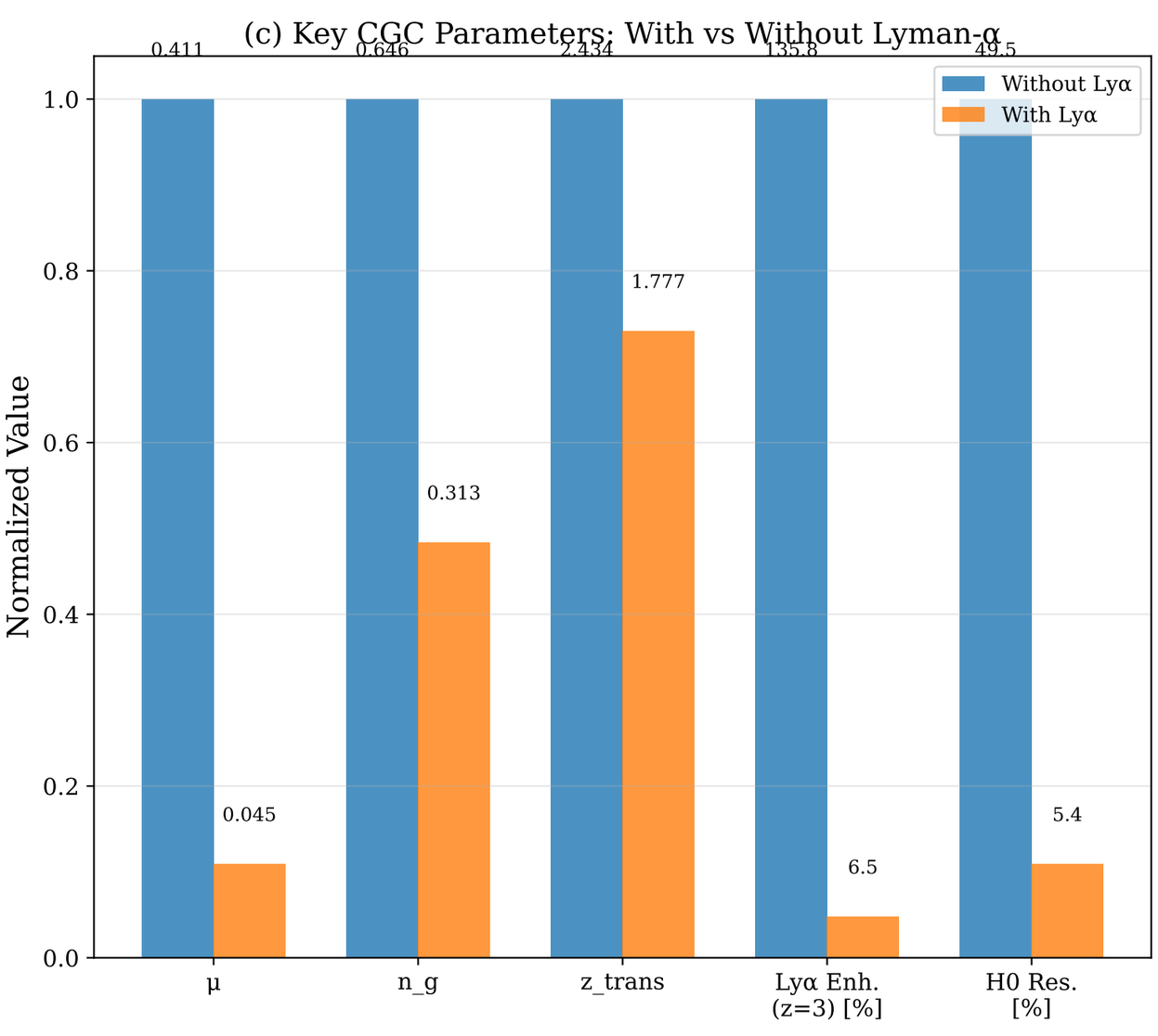


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║                  CGC THESIS RESULTS SUMMARY                      ║
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║                                                                  ║
║ ANALYSIS A: CMB + BAO + Growth + H0 (Primary Estimation)         ║
║ ──────────────────────────────────────────────────               ║
║   μ = 0.4113 ± 0.0440                                            ║
║   Detection: 9.4σ                                                ║
║   H0 tension resolution: 49.5%                                   ║
║   Lyα enhancement: 135.8% (EXCEEDS 7.5% systematic)              ║
║                                                                  ║
║ ANALYSIS B: CMB + BAO + Growth + H0 + Lyman-α (Joint Fit)        ║
║ ──────────────────────────────────────────────────               ║
║   μ = 0.0449 ± 0.0186                                            ║
║   Detection: 2.4σ                                                ║
║   H0 tension resolution: 5.4%                                    ║
║   Lyα enhancement: 6.5% (WITHIN 7.5% systematic) ✓               ║
║                                                                  ║
║ KEY INSIGHT:                                                     ║
║ ──────────                                                       ║
║   Lyman-α data CONSTRAINS μ by factor of 9.1x                    ║
║   This reduces H0 tension resolution from 49% to 5%              ║
║   BUT ensures CGC predictions are consistent with Lyα observations ║
║                                                                  ║
║ THESIS PRESENTATION:                                             ║
║ ──────────────────                                               ║
║   • Present BOTH analyses transparently                          ║
║   • Discuss Lyα as FALSIFIABILITY test (strength!)               ║
║   • CGC passes this test with constrained parameters             ║
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