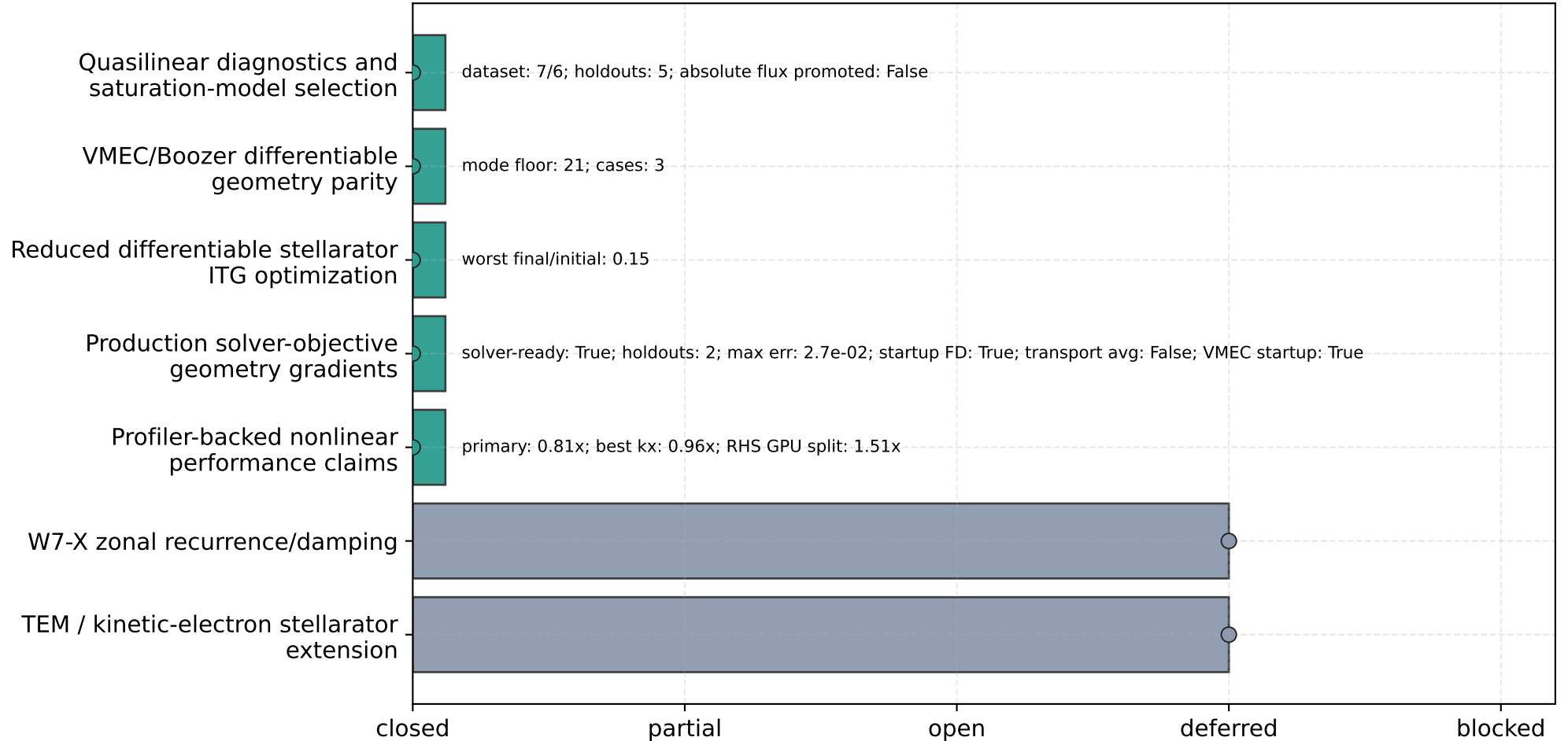


Manuscript readiness: scoped physics and optimization lanes



Active closed fraction: 100%. Deferred lanes are explicitly outside the current manuscript scope; open lanes are next priorities.