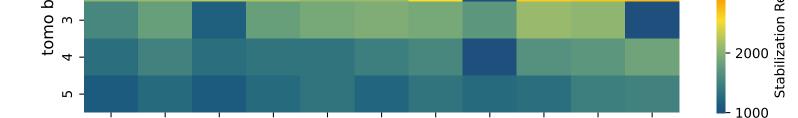Stabilization z_{res} across z_{max} values LSST Y1