Equatorial Pacific, EOF as Covariance: APE density at 370m EOF 1: 25.8% EOF 2: 18.310000000000002% 120°W 180° 180° 120°W 60°N 60°N 40°N 40°N 20°N 20°N 0° 0° 20°S 20°S 40°S 40°S 60°S 60°S 180° 120°W 180° 120°W 0.030 0.045 0.060 -0.09 -0.06 -0.03 0.000.06 0.09 0.12 -0.015 0.000 0.03 0.15 0.18 0.015 0.075 0.090 0.105 APE Variance, Jkg^{-1} APE Variance, Jkg^{-1} EOF 3: 7.71% EOF 4: 5.04% 180° 120°W 180° 120°W 60°N 60°N 40°N 40°N 20°N 20°N 0° 0° 20°S 20°S 40°S 40°S 60°S 60°S 180° 120°W 180° 120°W -0.08 -0.06 -0.04 -0.02 0.000.02 0.04 0.06 0.08 -0.060 - 0.045 - 0.030 - 0.015 0.000 0.015 0.030 0.045 0.060 0.075 0.10

APE Variance, Jkg^{-1}

APE Variance, Jkg^{-1}