high−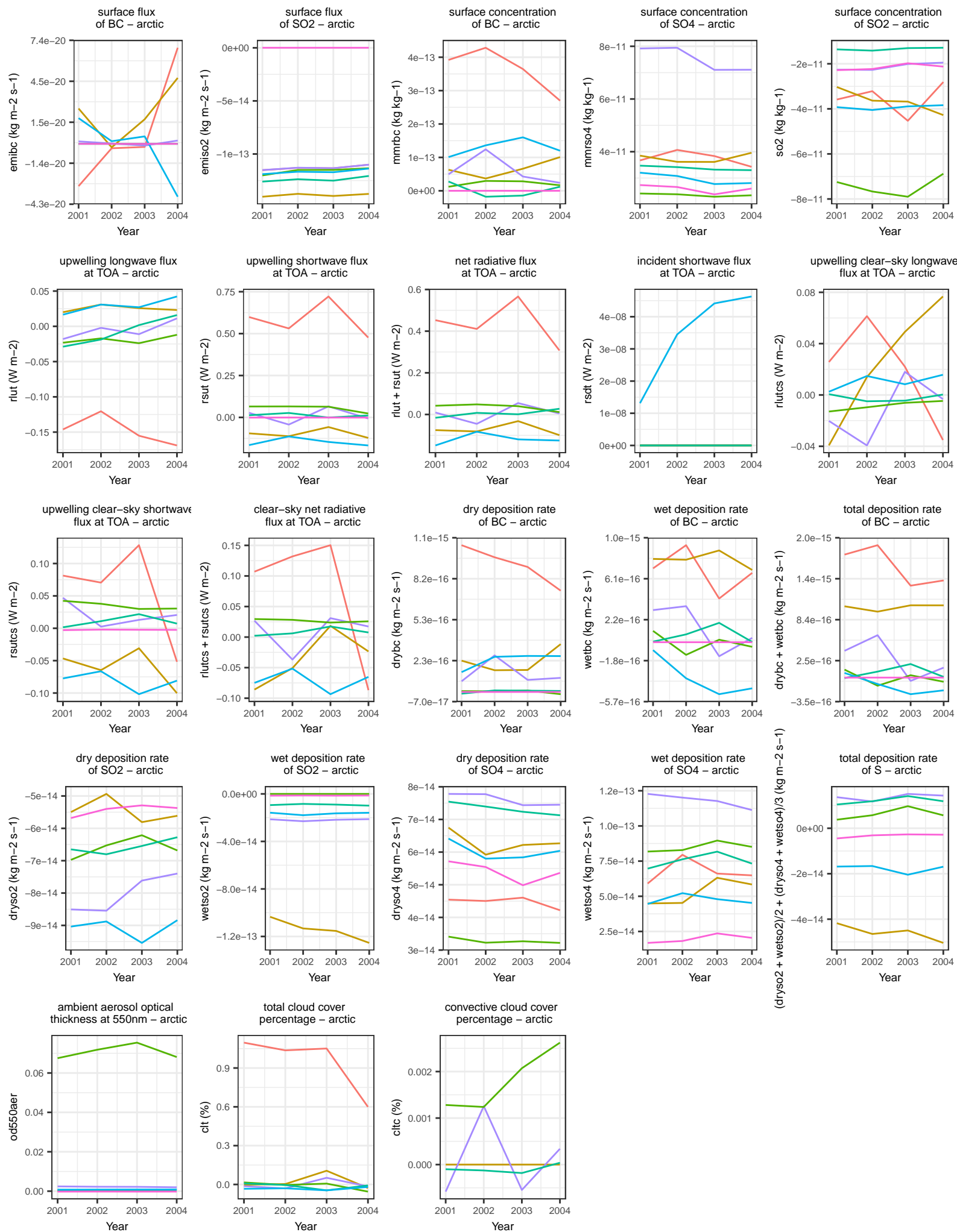so4: absolute difference