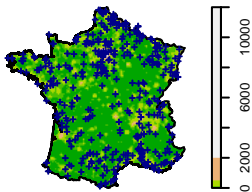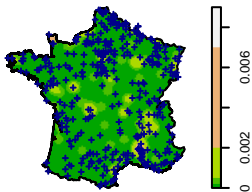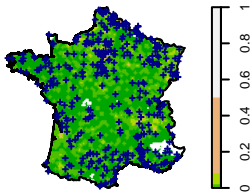**Variable 1: Density of population**

Variable 2: Nuclear risk

Variable 3: Contaminated sites

Variable 4: Rate of moisture