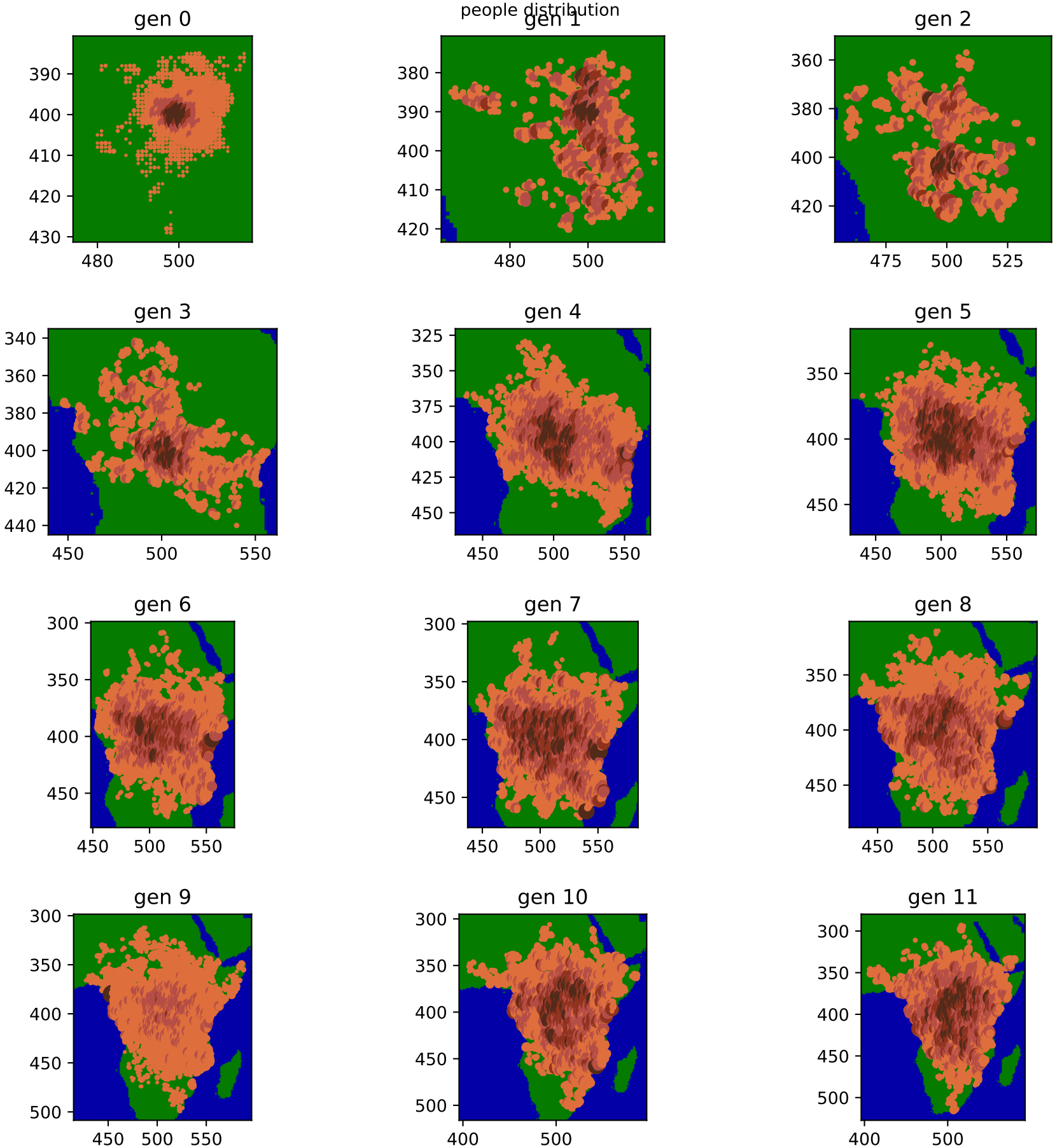people distribution