

Fig. 1 Proportion of 1000 simulations with values ζ

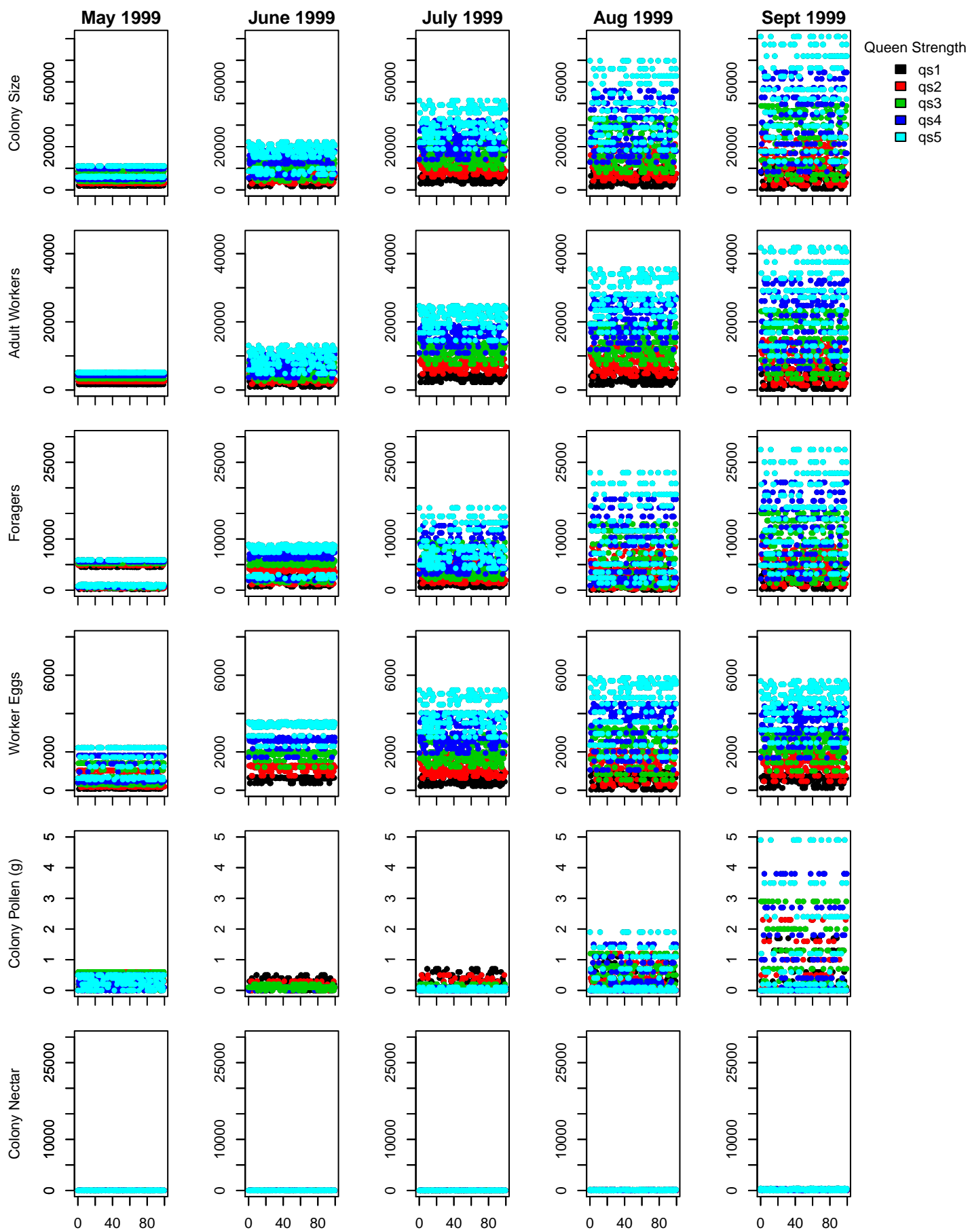


Fig. 2 Scatterplot of 1000 random simulations of response variables vs. Drone-Mite Survivorship (%) input

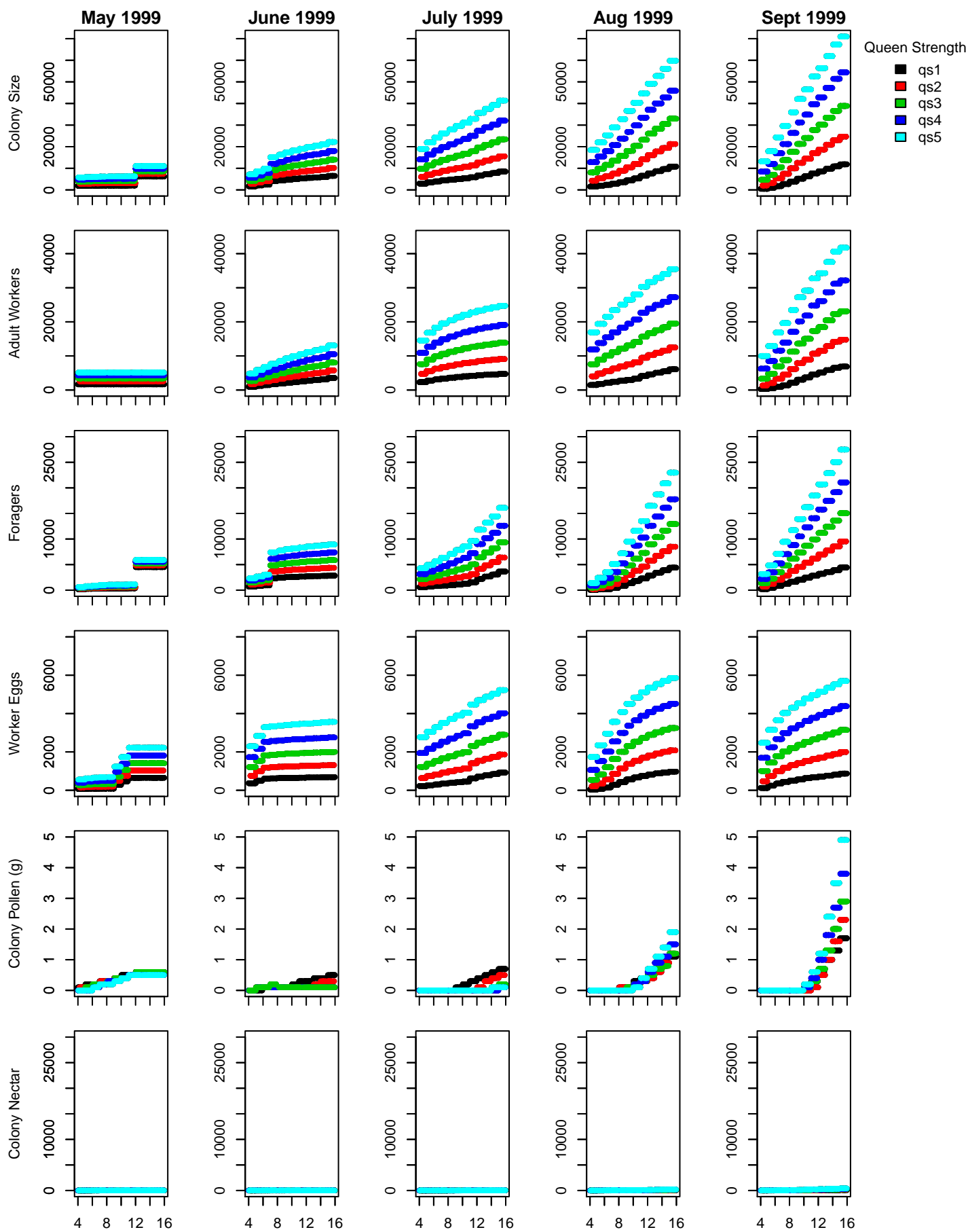


Fig. 3 Scatterplot of 1000 random simulations of response variables vs. Forager Lifespan (days) input

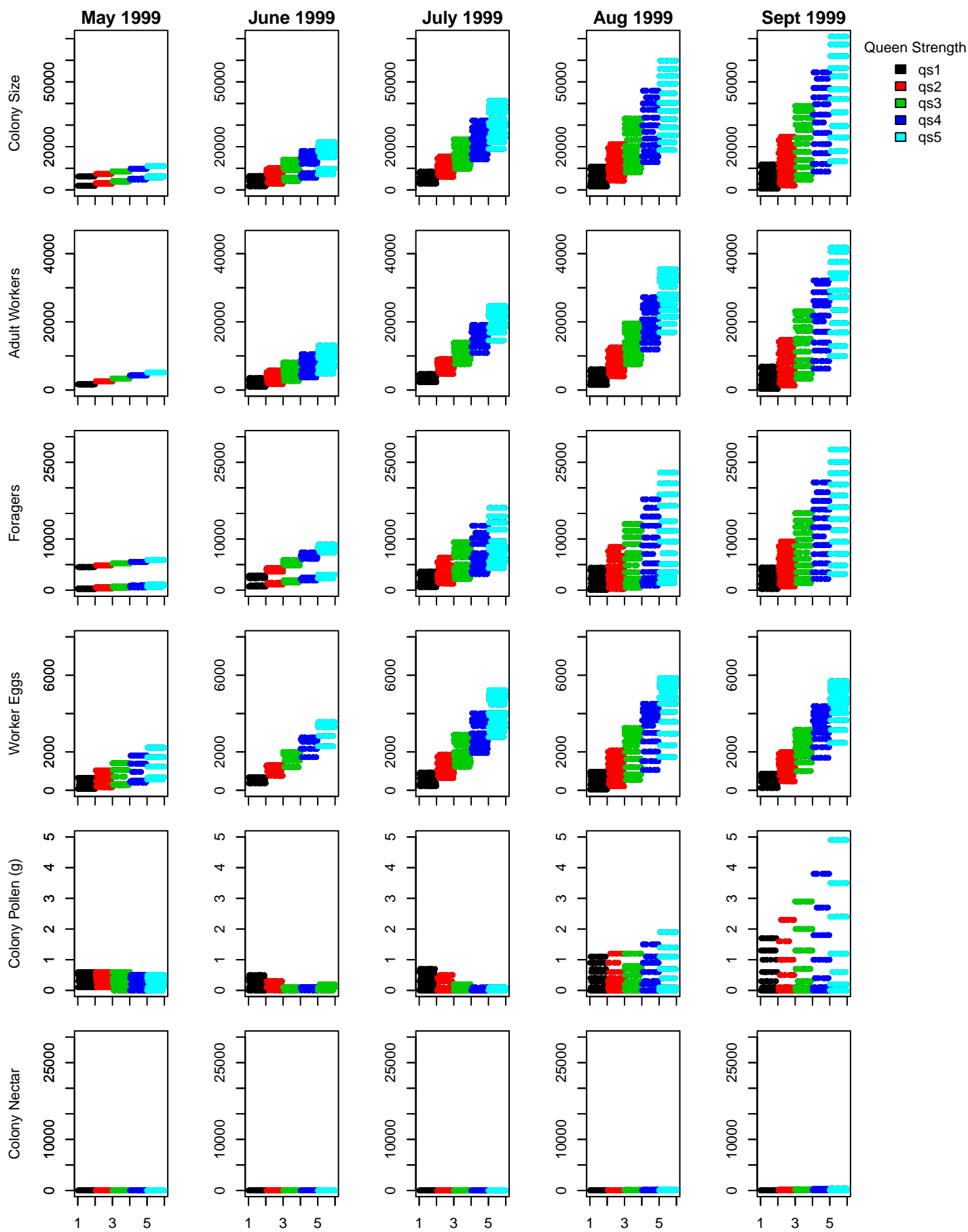


Fig. 4 Scatterplot of 1000 random simulations of response variables vs. Queen Strength input

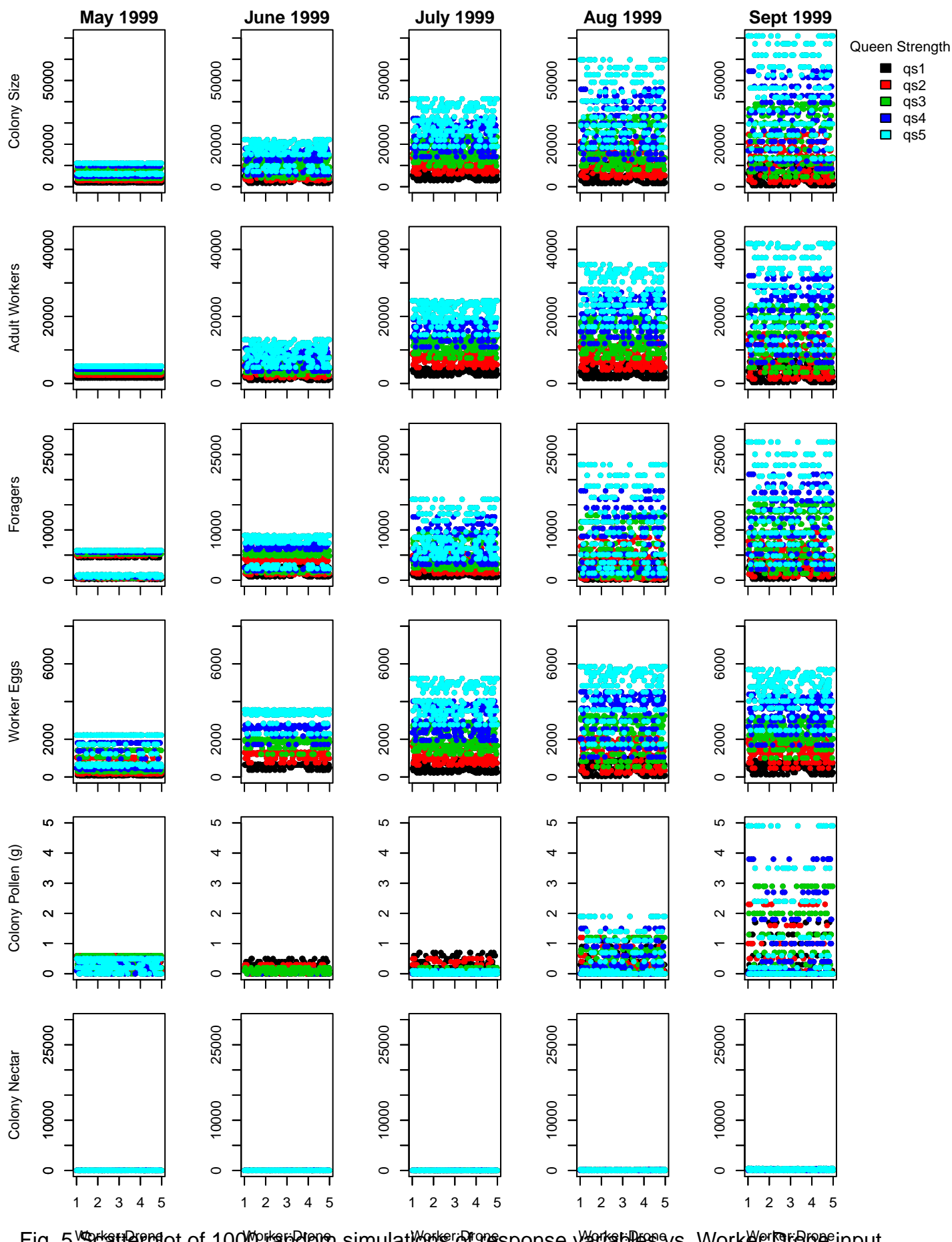


Fig. 5 Scatterplot of 1000 random simulations of response variables vs. Worker:Drone input

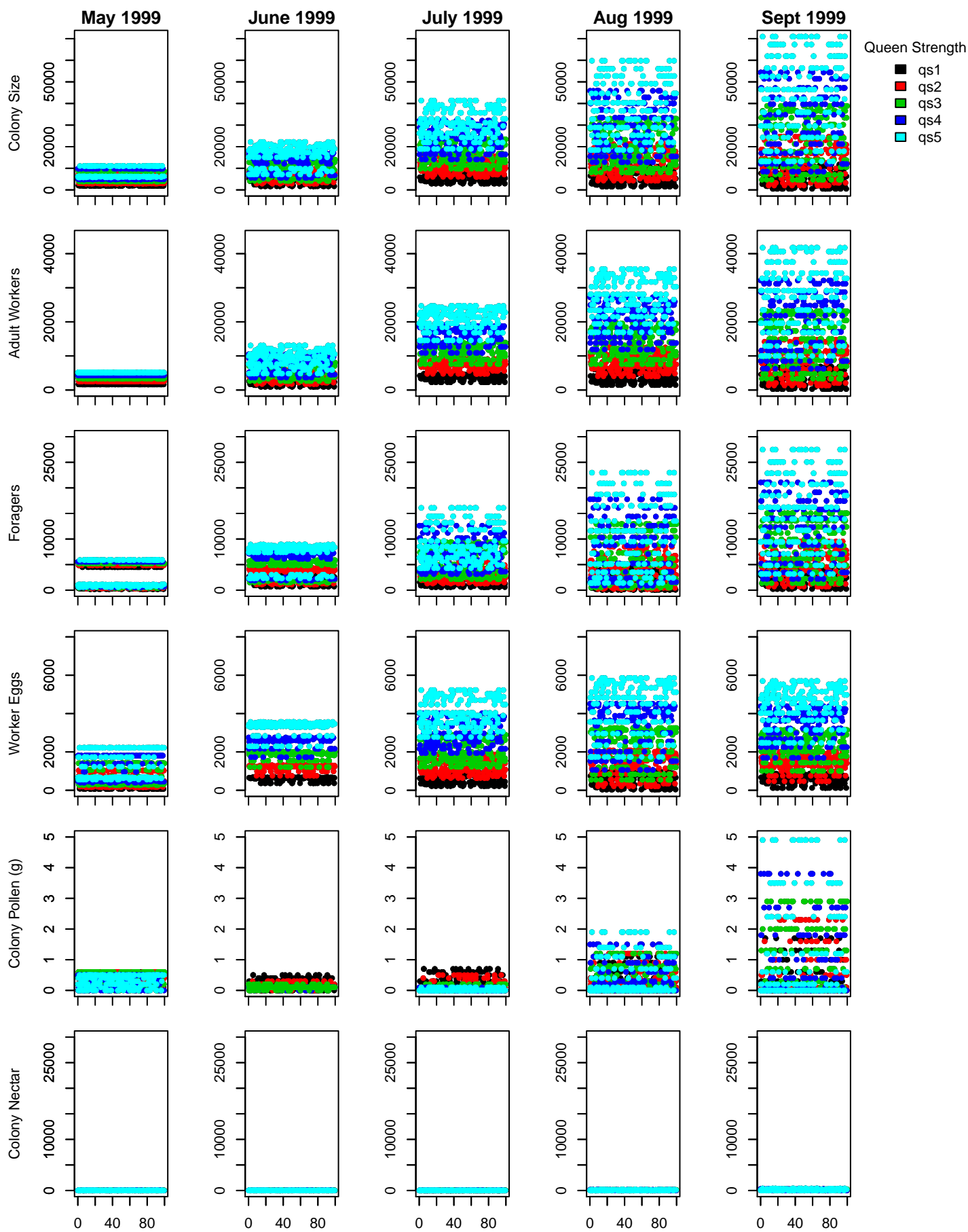


Fig. 6 Scatterplot of 1000 random simulations of response variables vs. Worker-Mite Survivorship (%) input