



Figure S6. Two-way sensitivity analysis of the probability of a previous syphilis infection (y-axis) and RPR test cost (x-axis). Costs are expressed in USD. Red indicates conditions under which the traditional algorithm is less expensive and blue indicates conditions under which the reverse algorithm is less expensive. The reverse algorithm is less expensive when the cost of RPR exceeds \$4.60 and the probability of a previous infection is less than 68%.