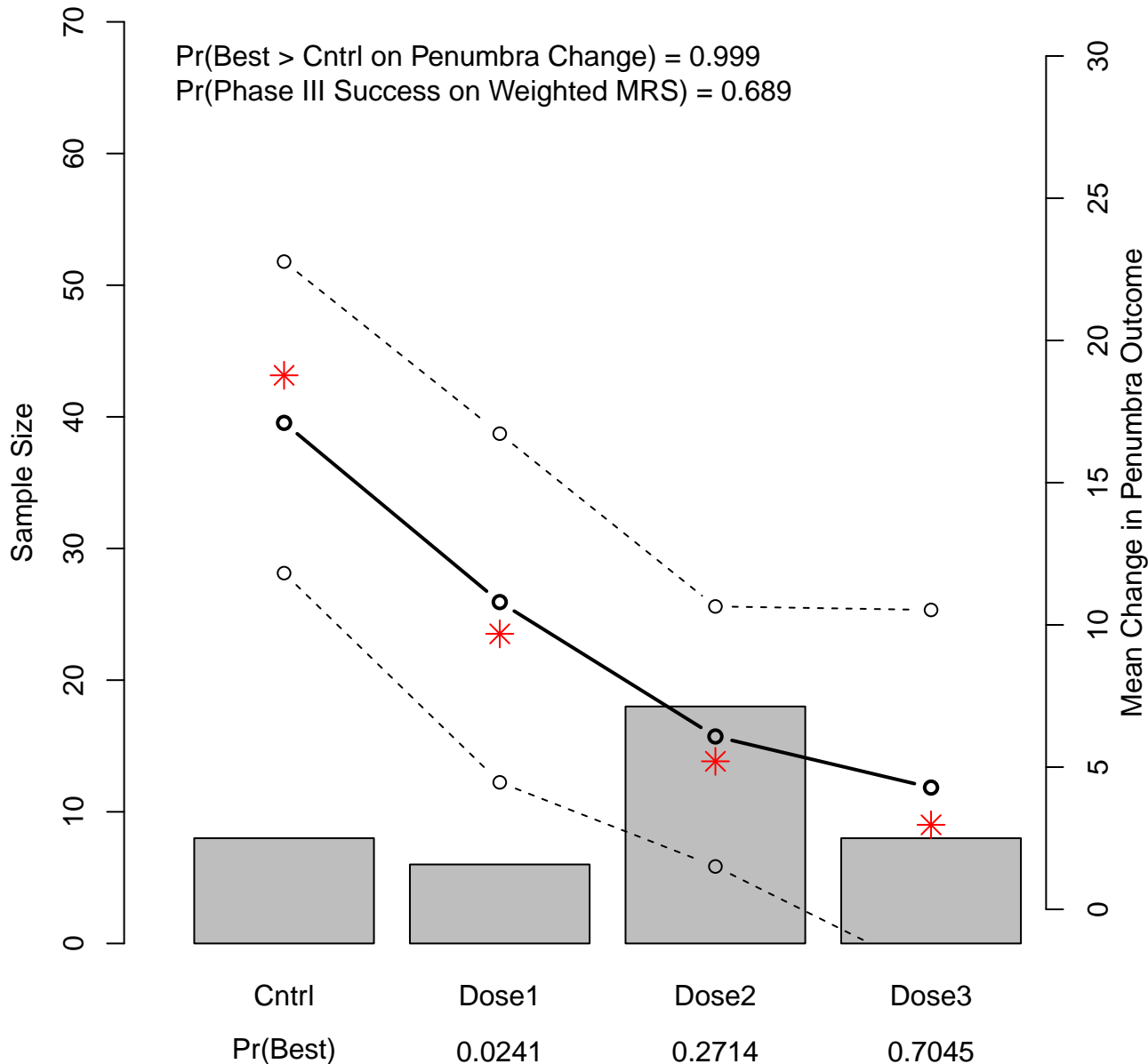


Simulated Trial: 1; Number Enrolled: 40

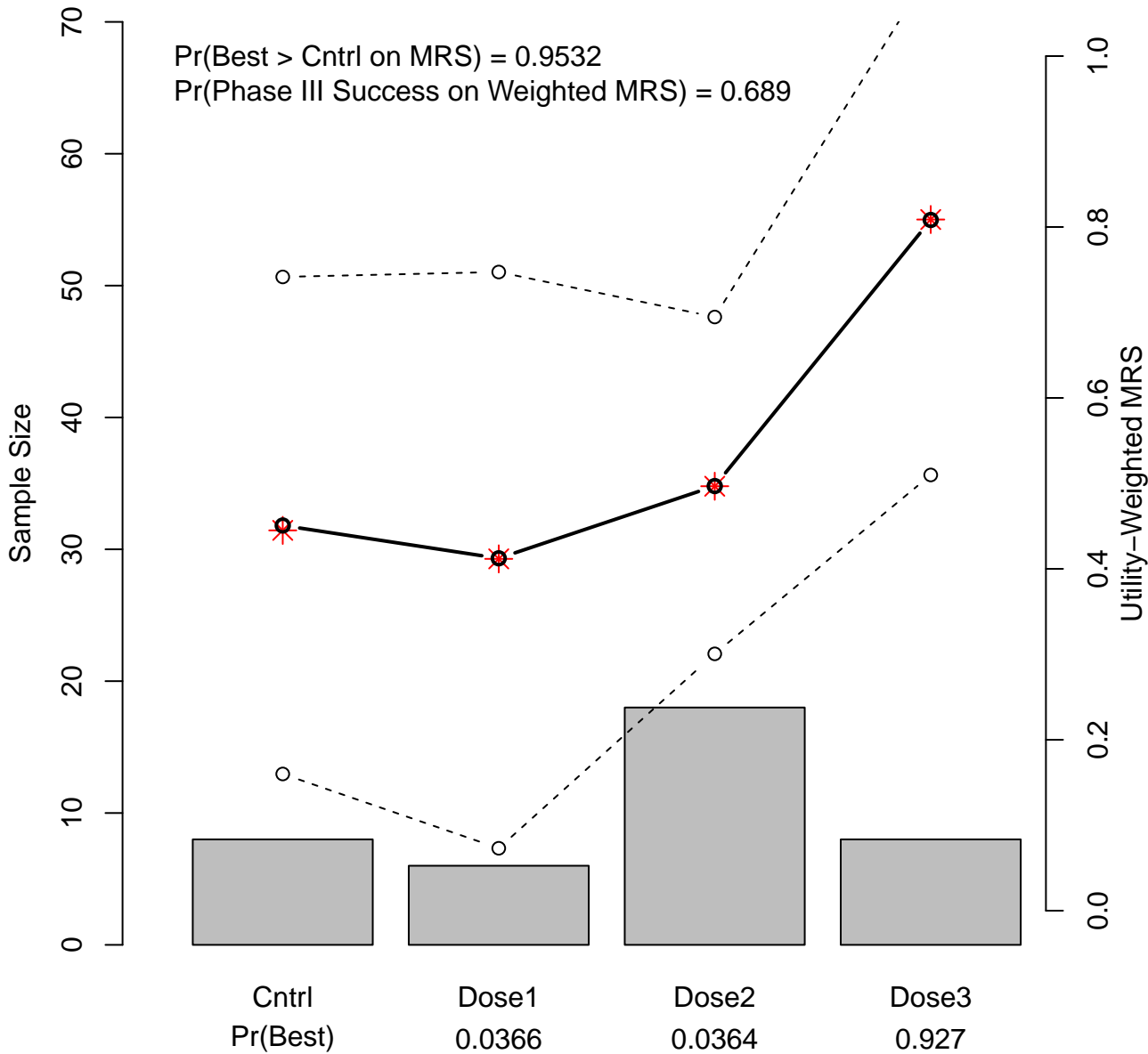
$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 0.999$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.689$



Simulated Trial: 1; Number Enrolled: 40

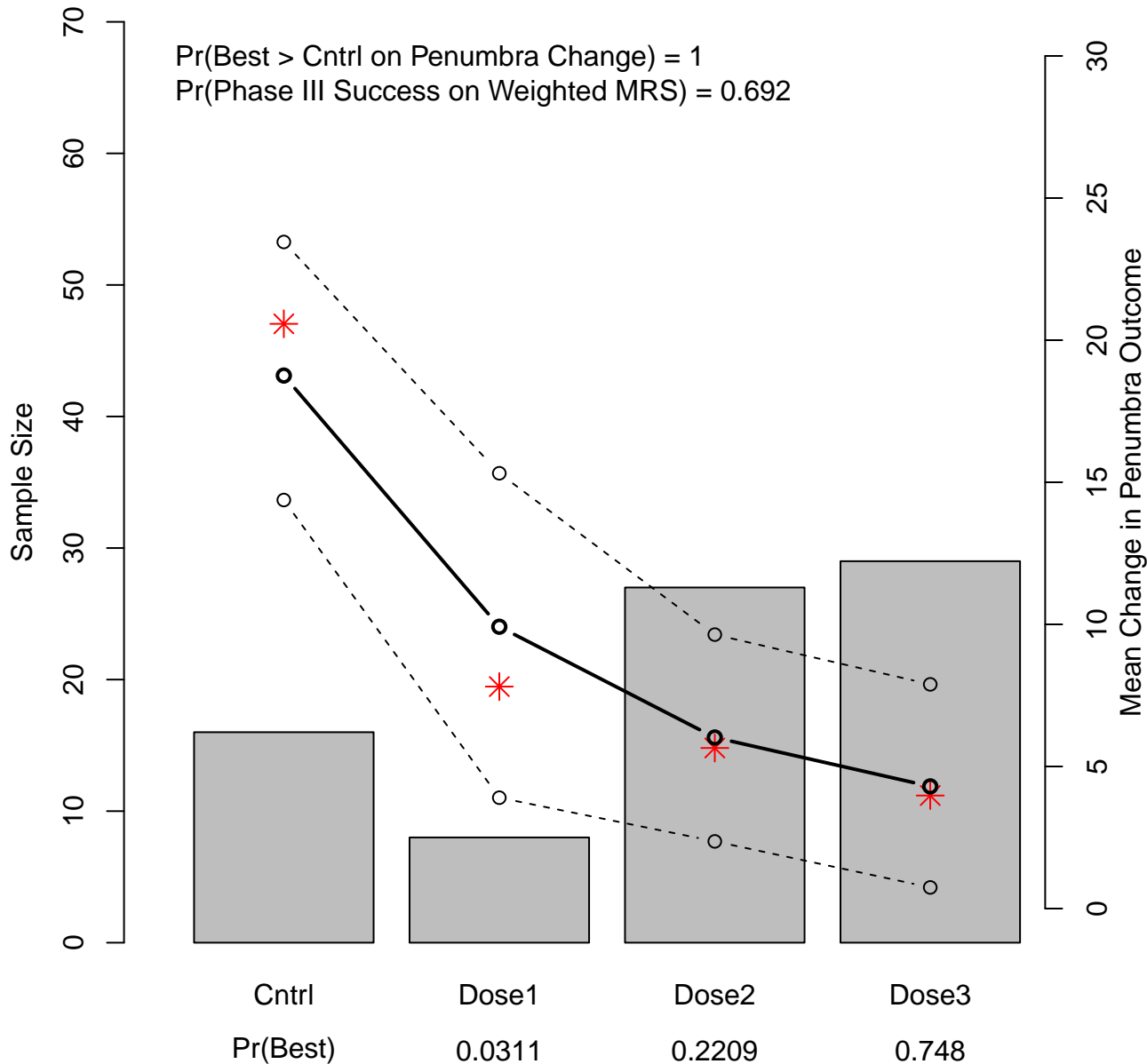
$\Pr(\text{Best} > \text{Cntrl on MRS}) = 0.9532$

$\Pr(\text{Phase III Success on Weighted MRS}) = 0.689$

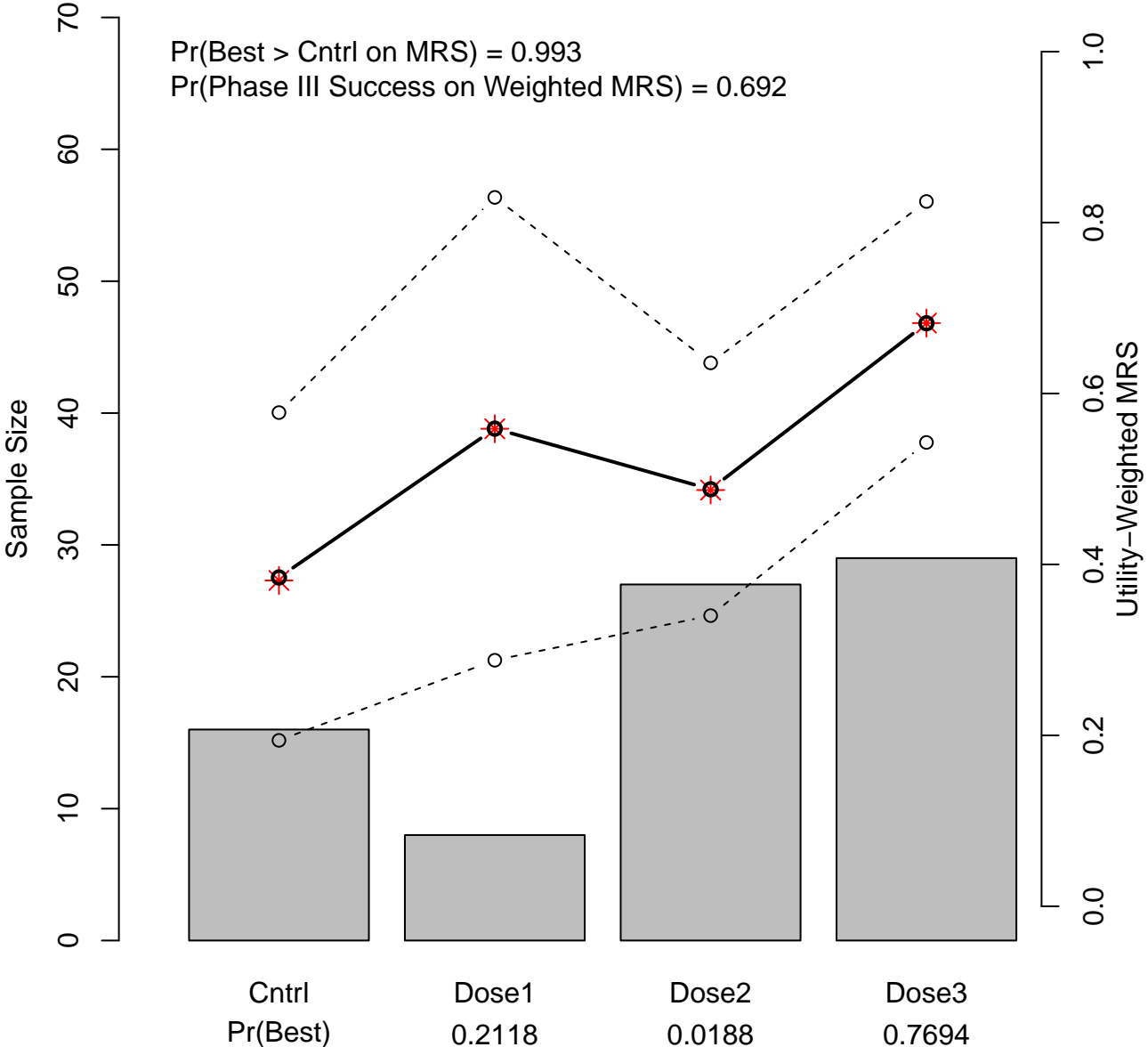


Simulated Trial: 1; Number Enrolled: 80

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.692$

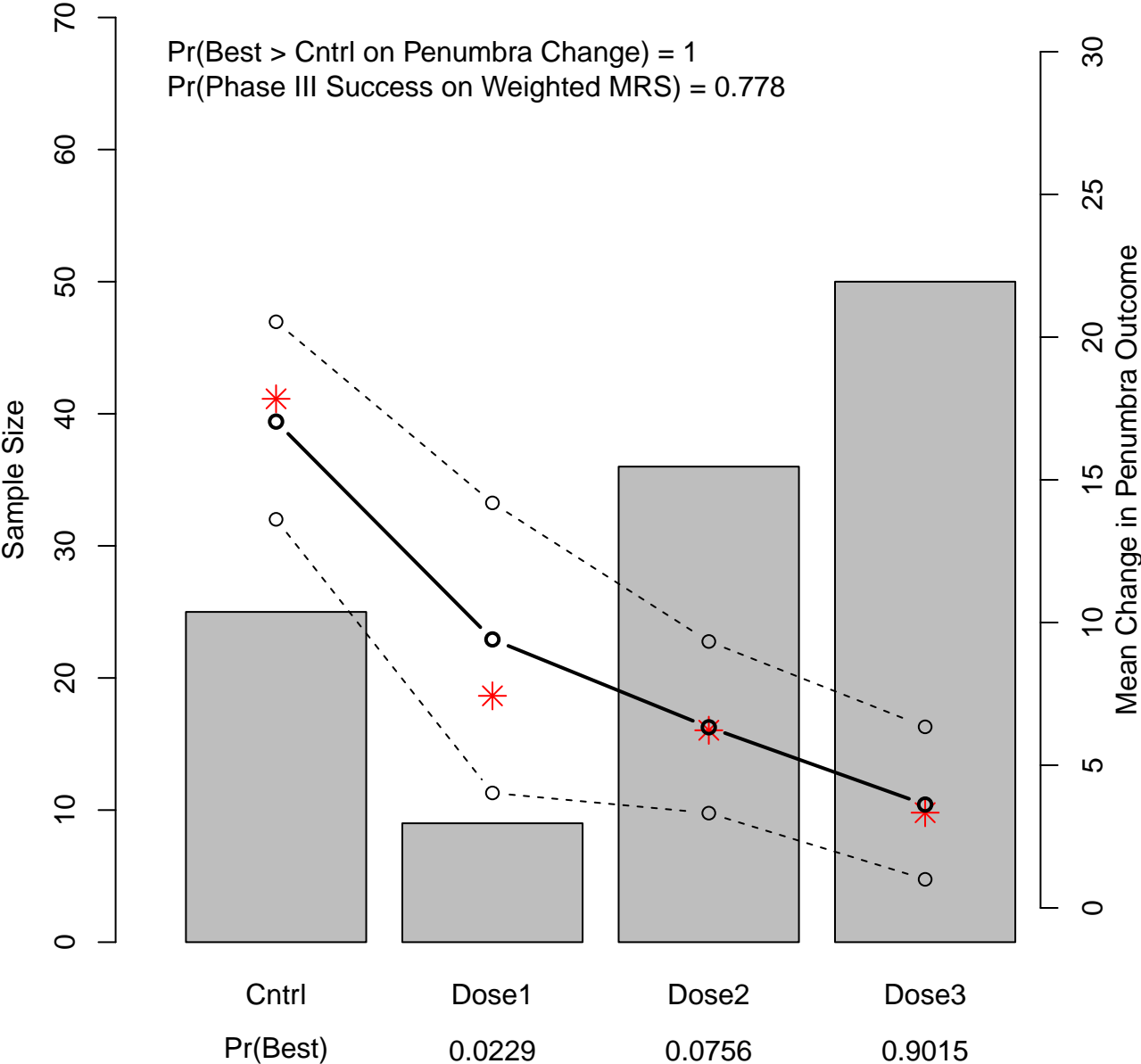


Simulated Trial: 1; Number Enrolled: 80



Simulated Trial: 1; Number Enrolled: 120

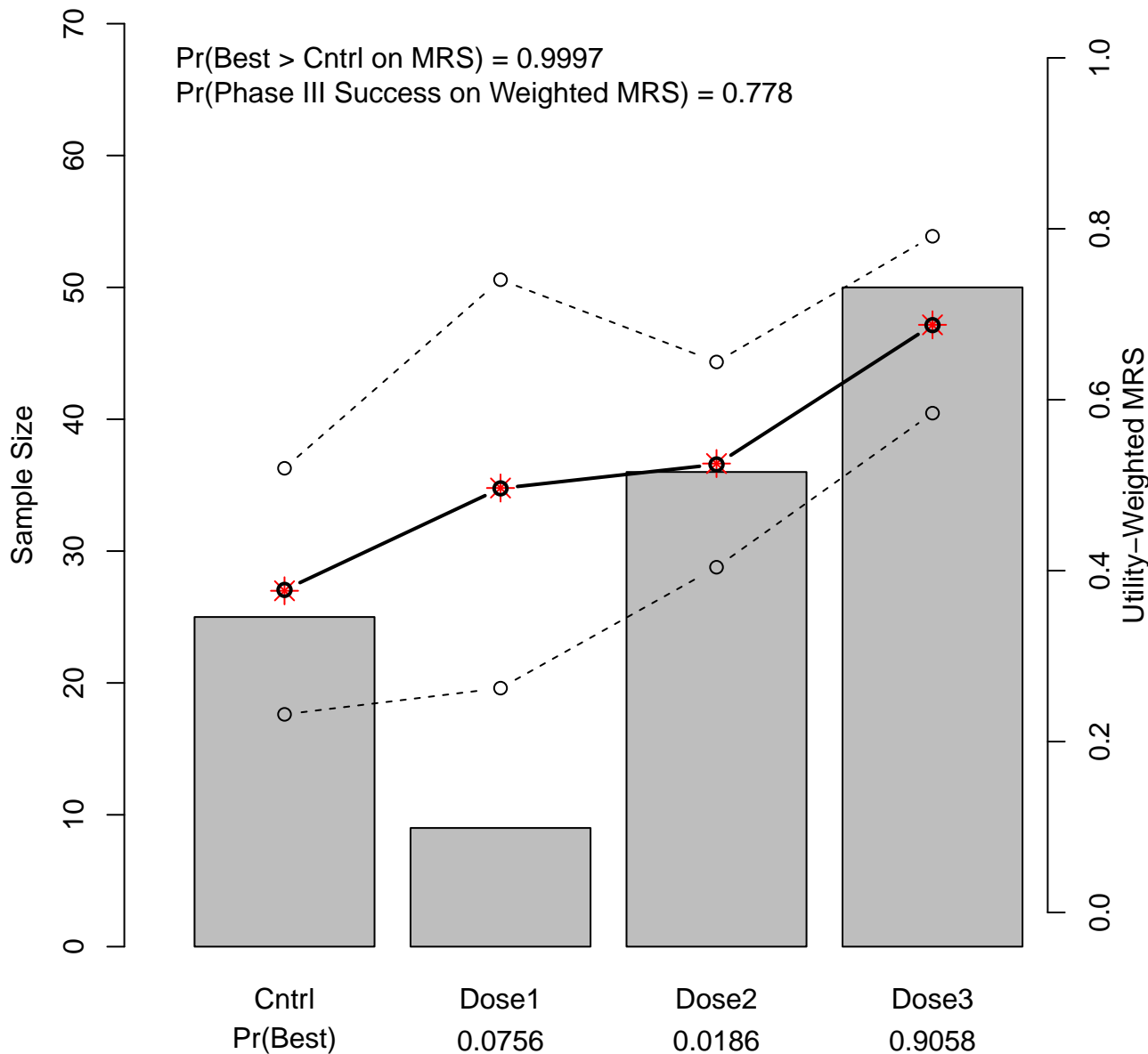
$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.778$



Simulated Trial: 1; Number Enrolled: 120

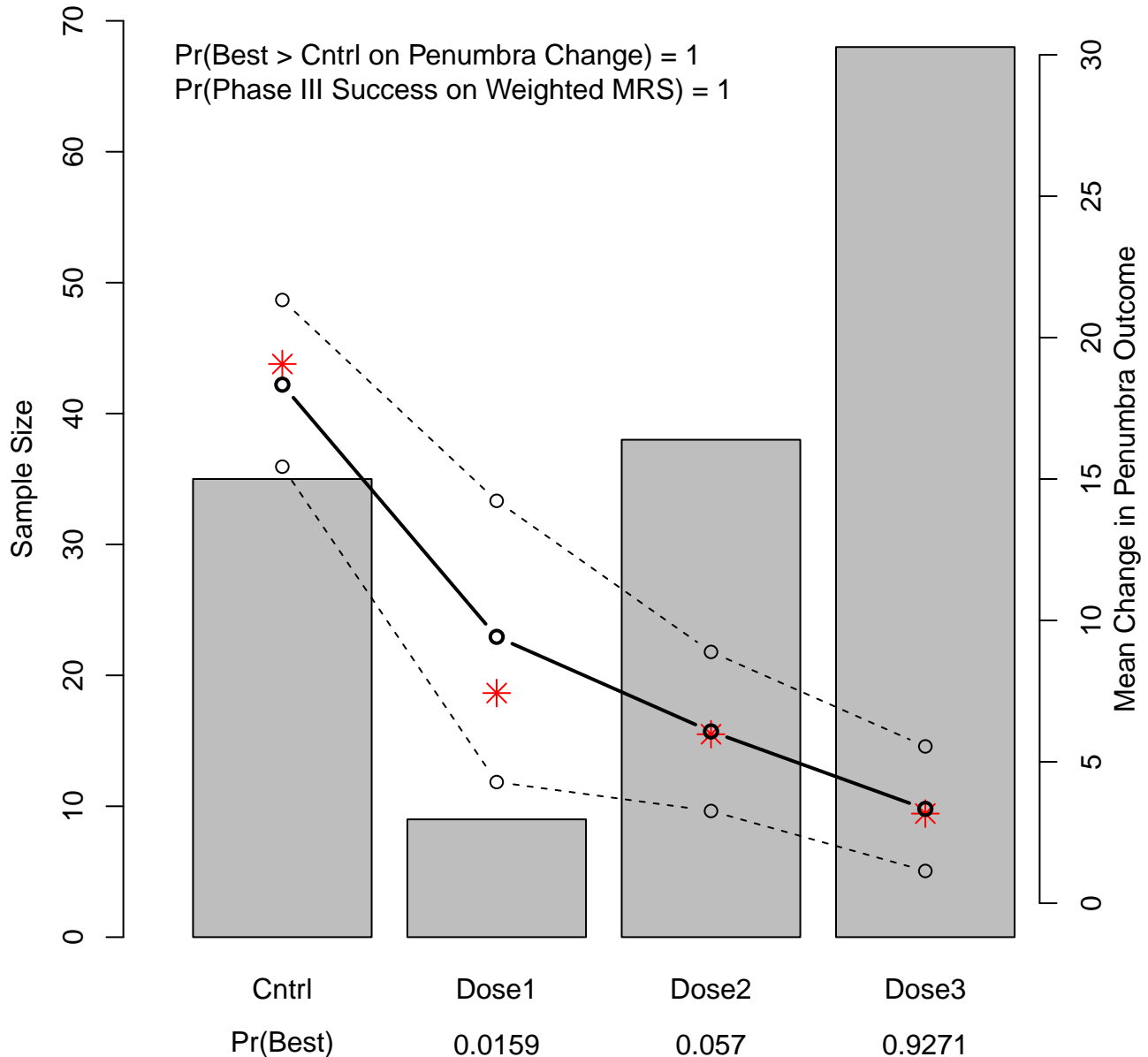
$\Pr(\text{Best} > \text{Cntrl on MRS}) = 0.9997$

$\Pr(\text{Phase III Success on Weighted MRS}) = 0.778$

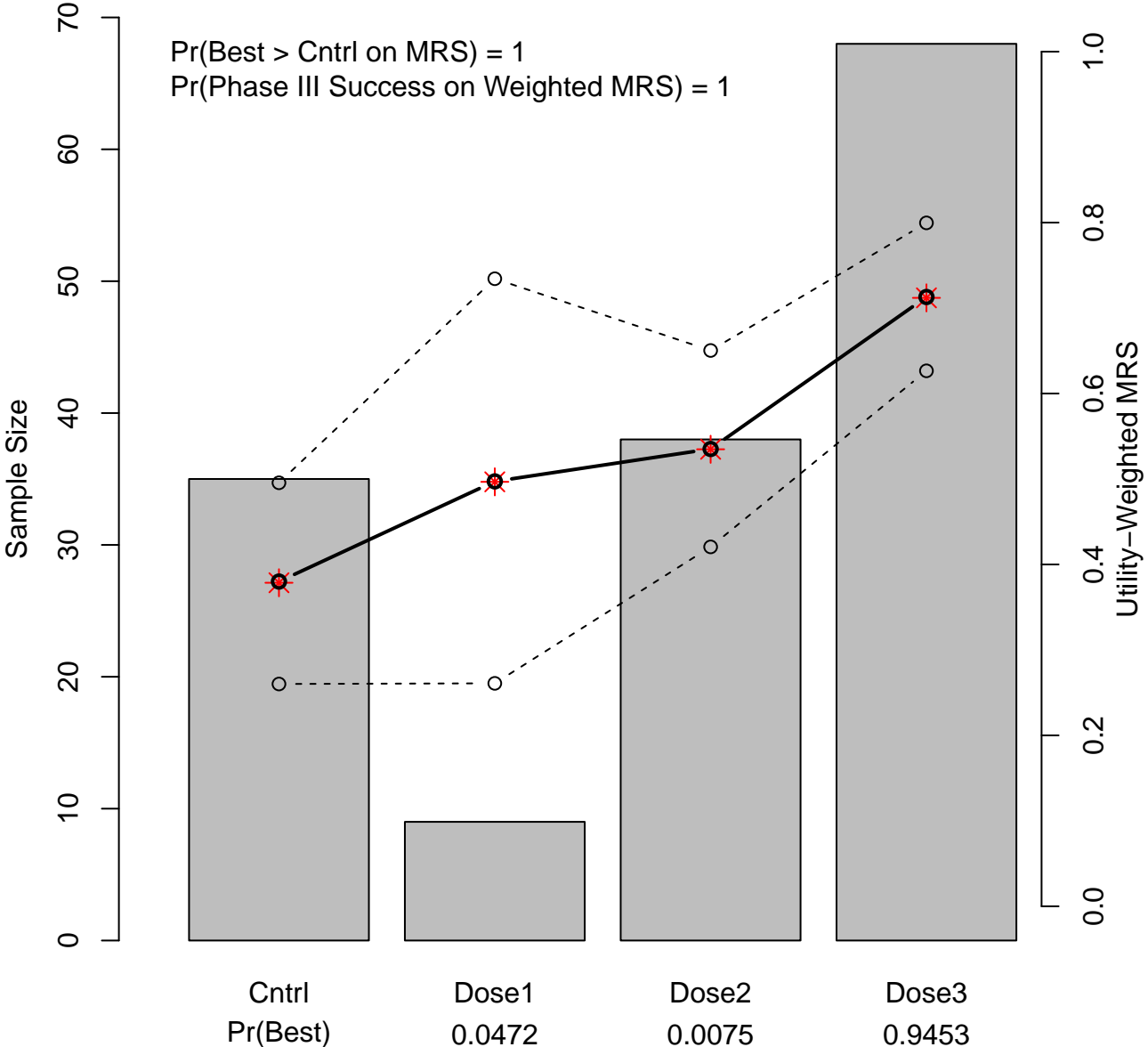


Simulated Trial: 1; Number Enrolled: 150

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 1$



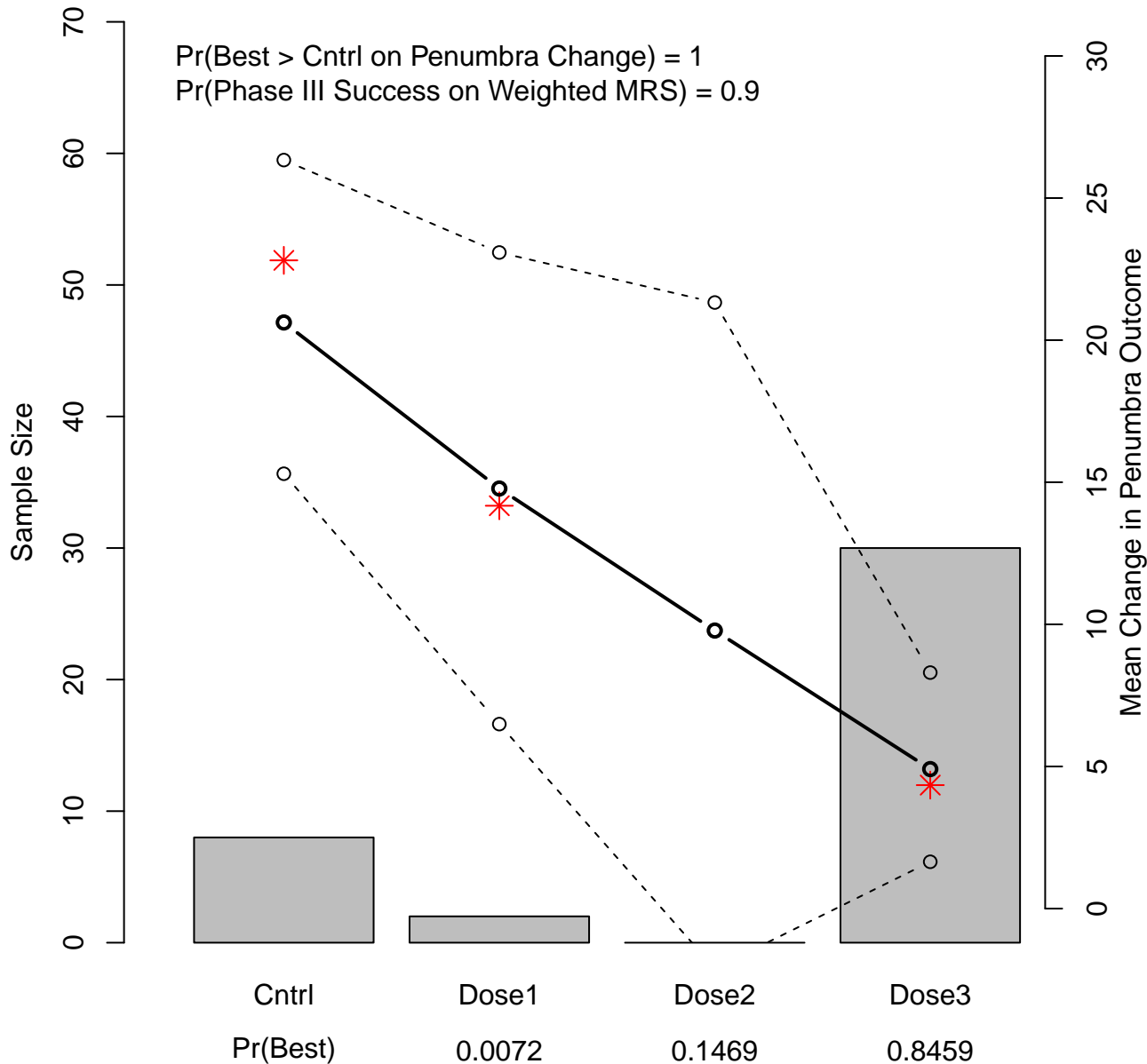
Simulated Trial: 1; Number Enrolled: 150



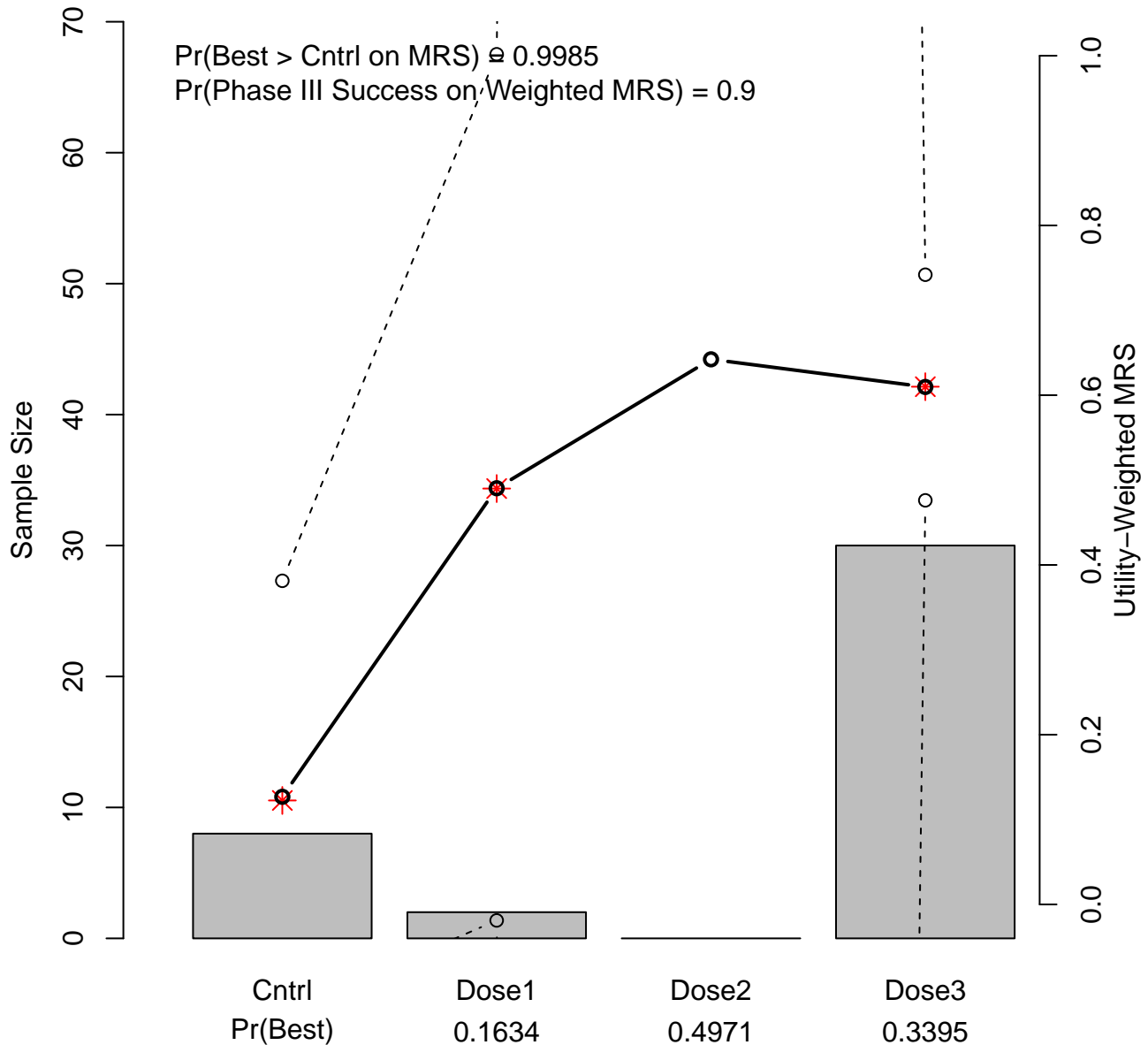
Simulated Trial: 2; Number Enrolled: 40

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$

$\Pr(\text{Phase III Success on Weighted MRS}) = 0.9$

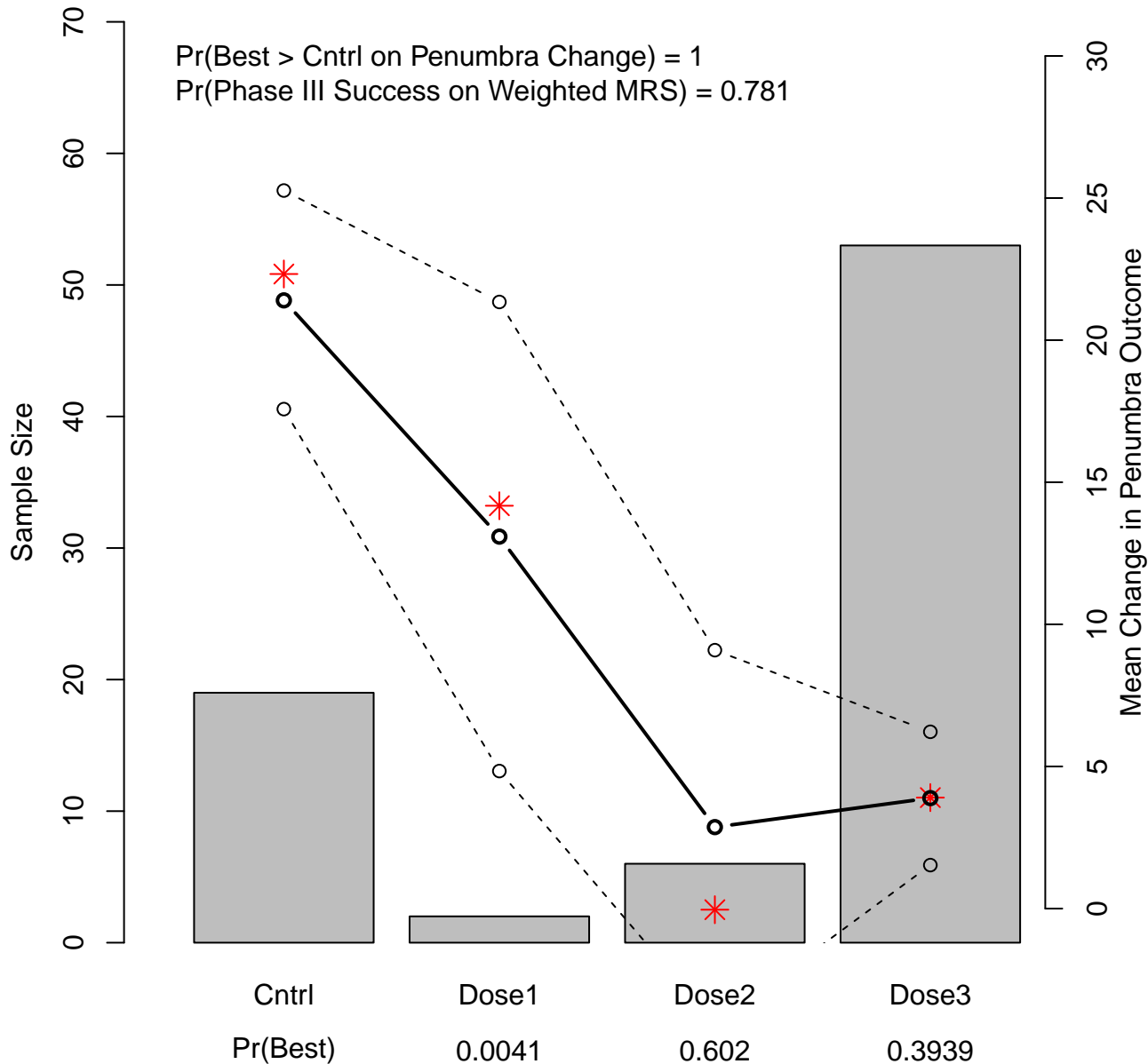


Simulated Trial: 2; Number Enrolled: 40

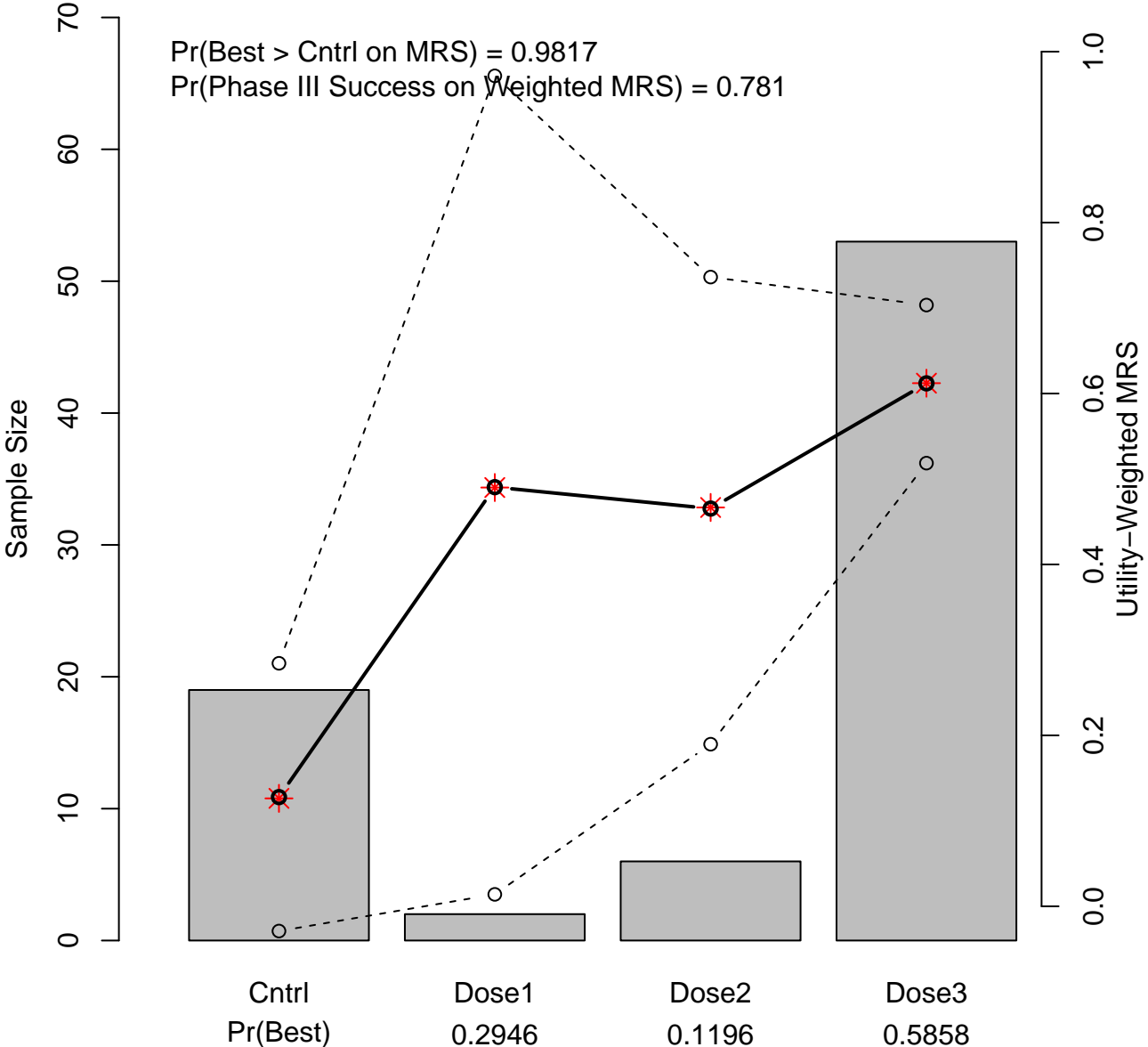


Simulated Trial: 2; Number Enrolled: 80

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.781$

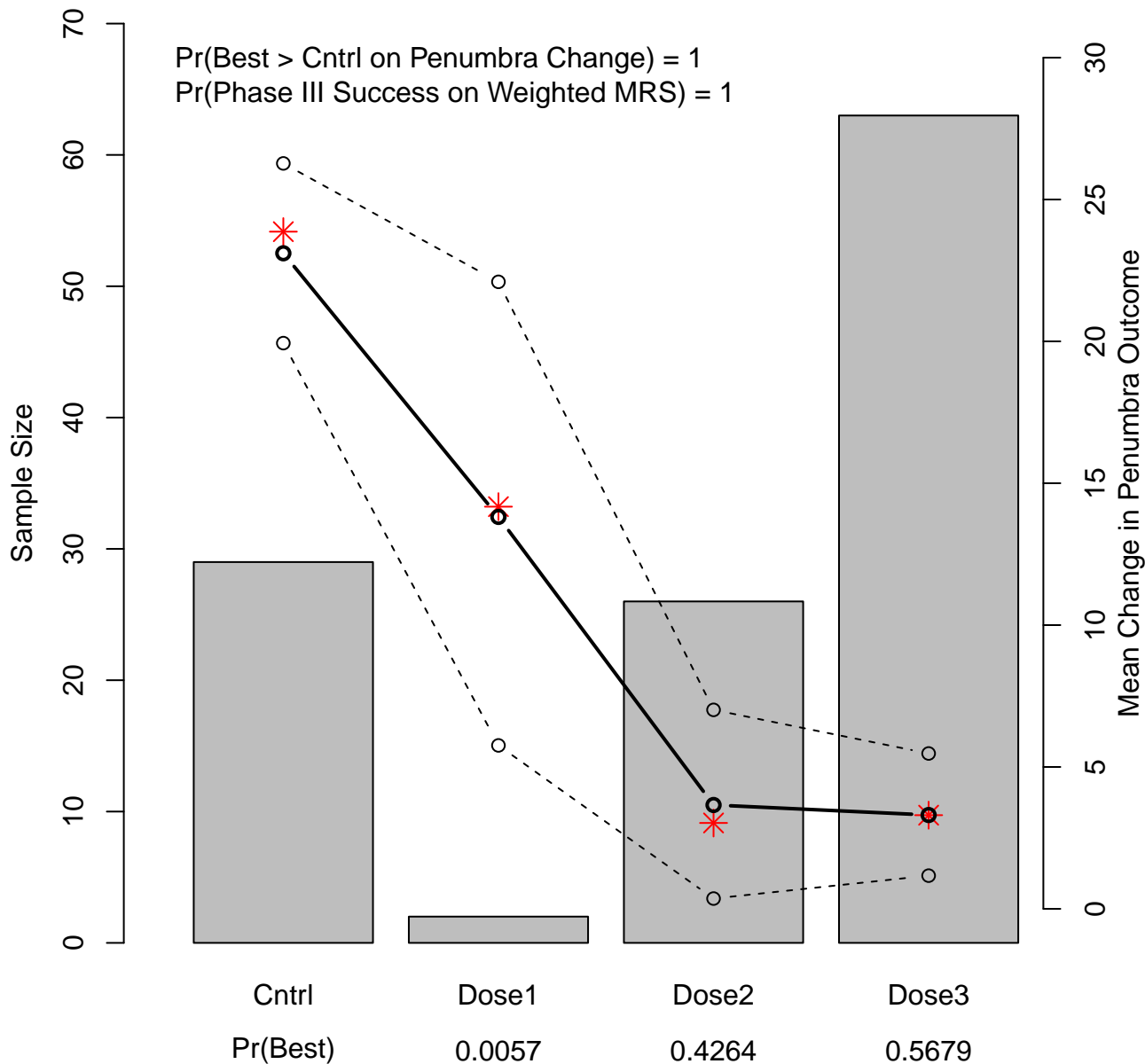


Simulated Trial: 2; Number Enrolled: 80

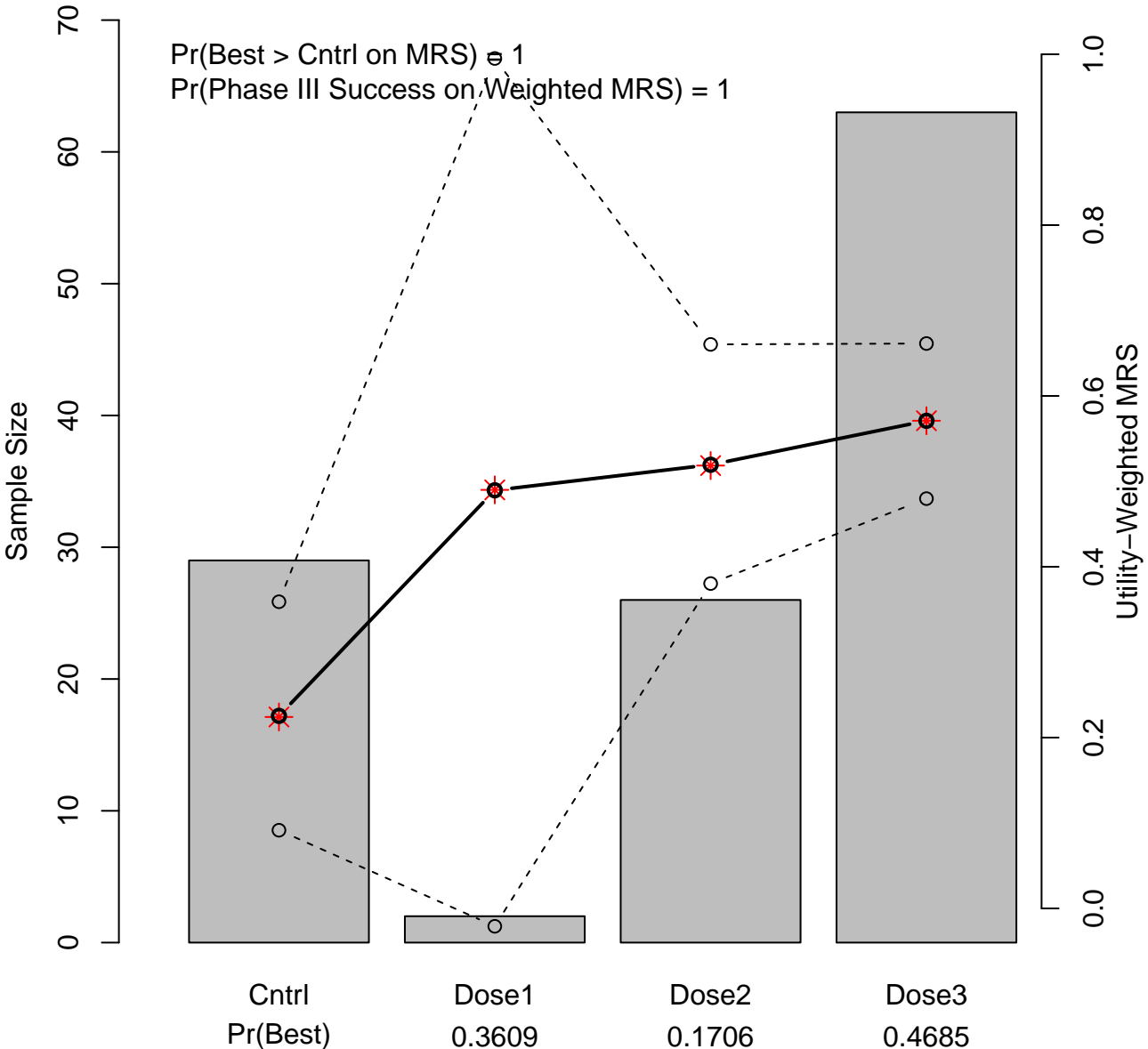


Simulated Trial: 2; Number Enrolled: 120

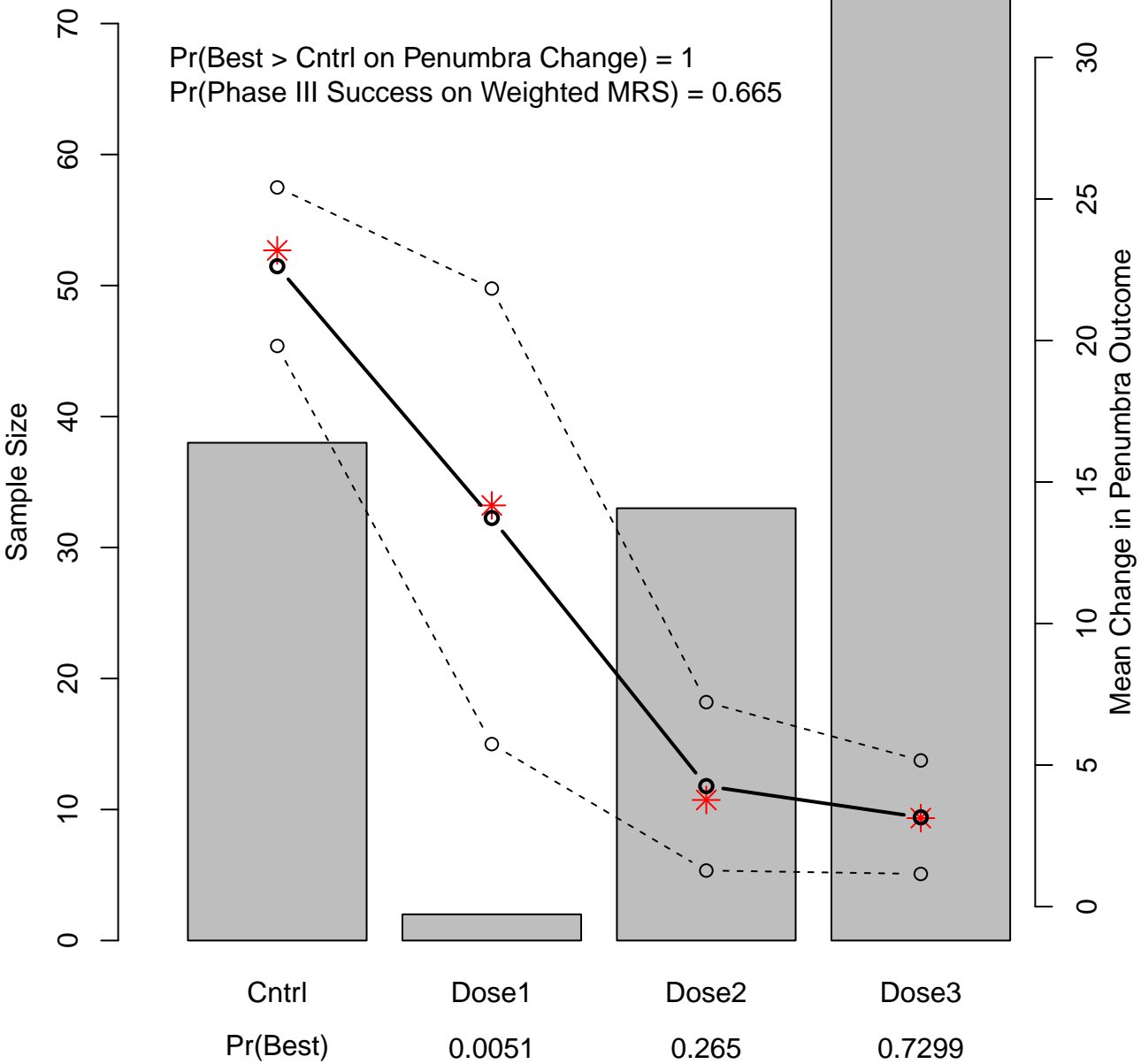
$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 1$



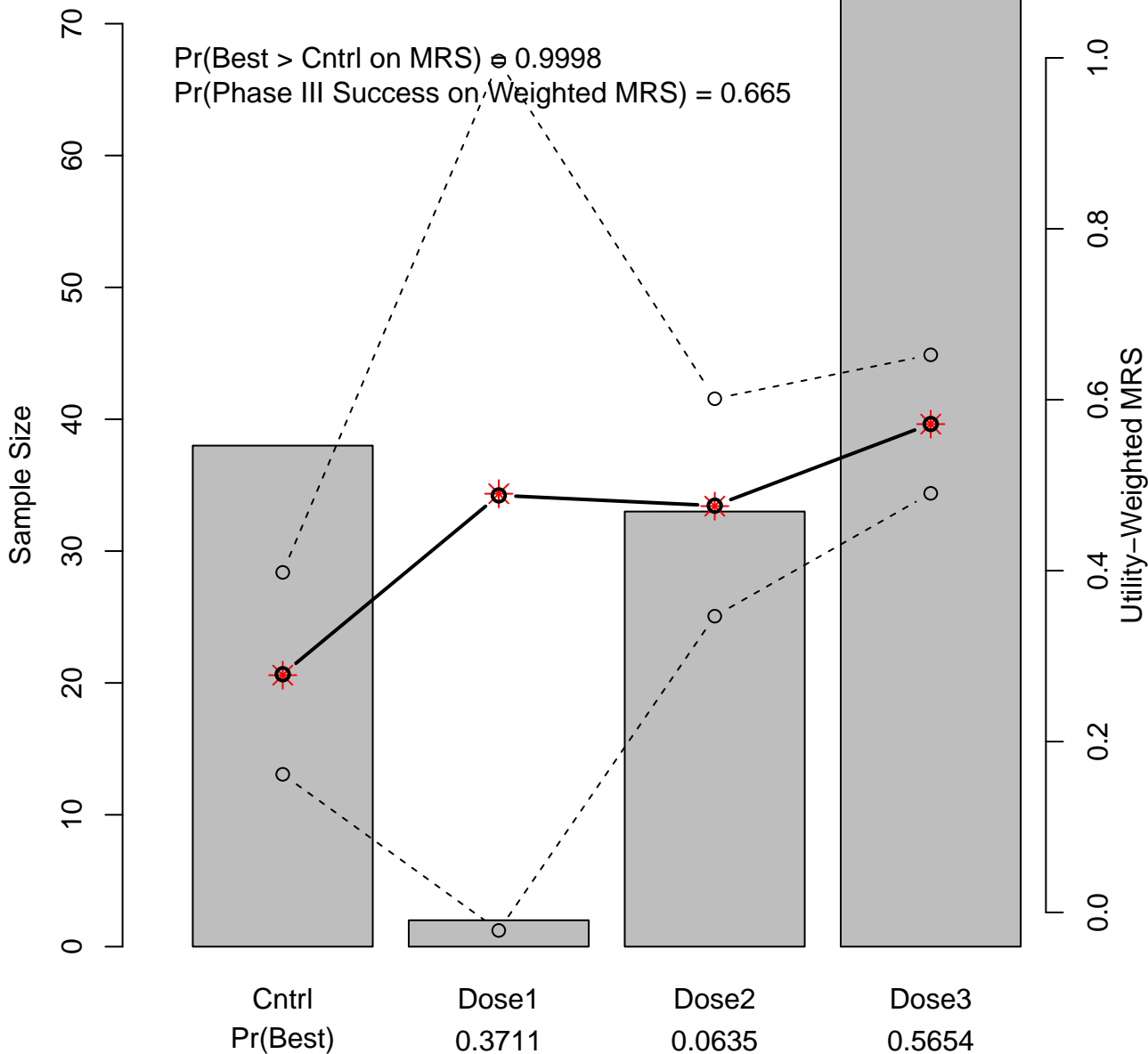
Simulated Trial: 2; Number Enrolled: 120



Simulated Trial: 2; Number Enrolled: 150

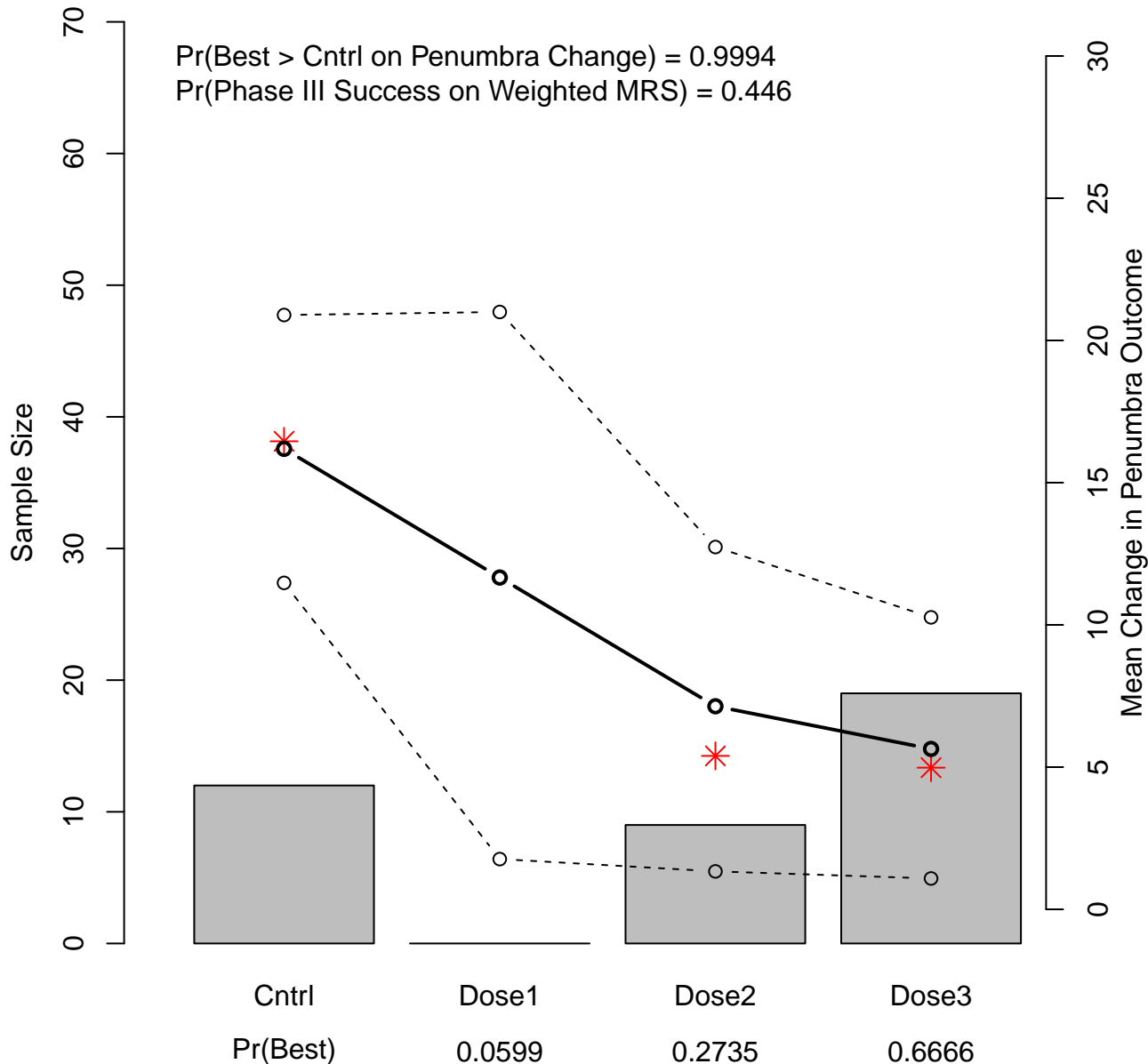


Simulated Trial: 2; Number Enrolled: 150

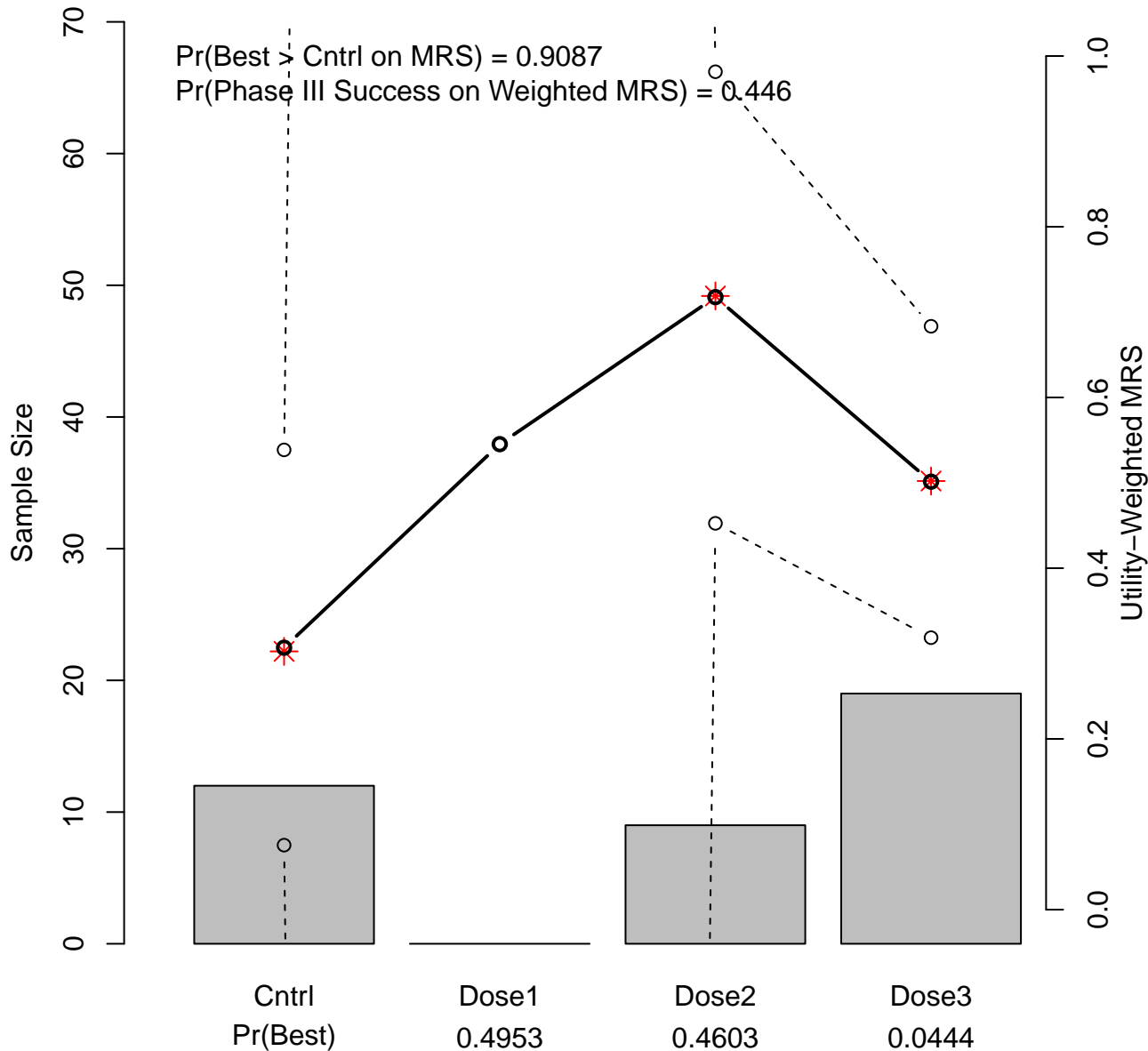


Simulated Trial: 3; Number Enrolled: 40

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 0.9994$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.446$

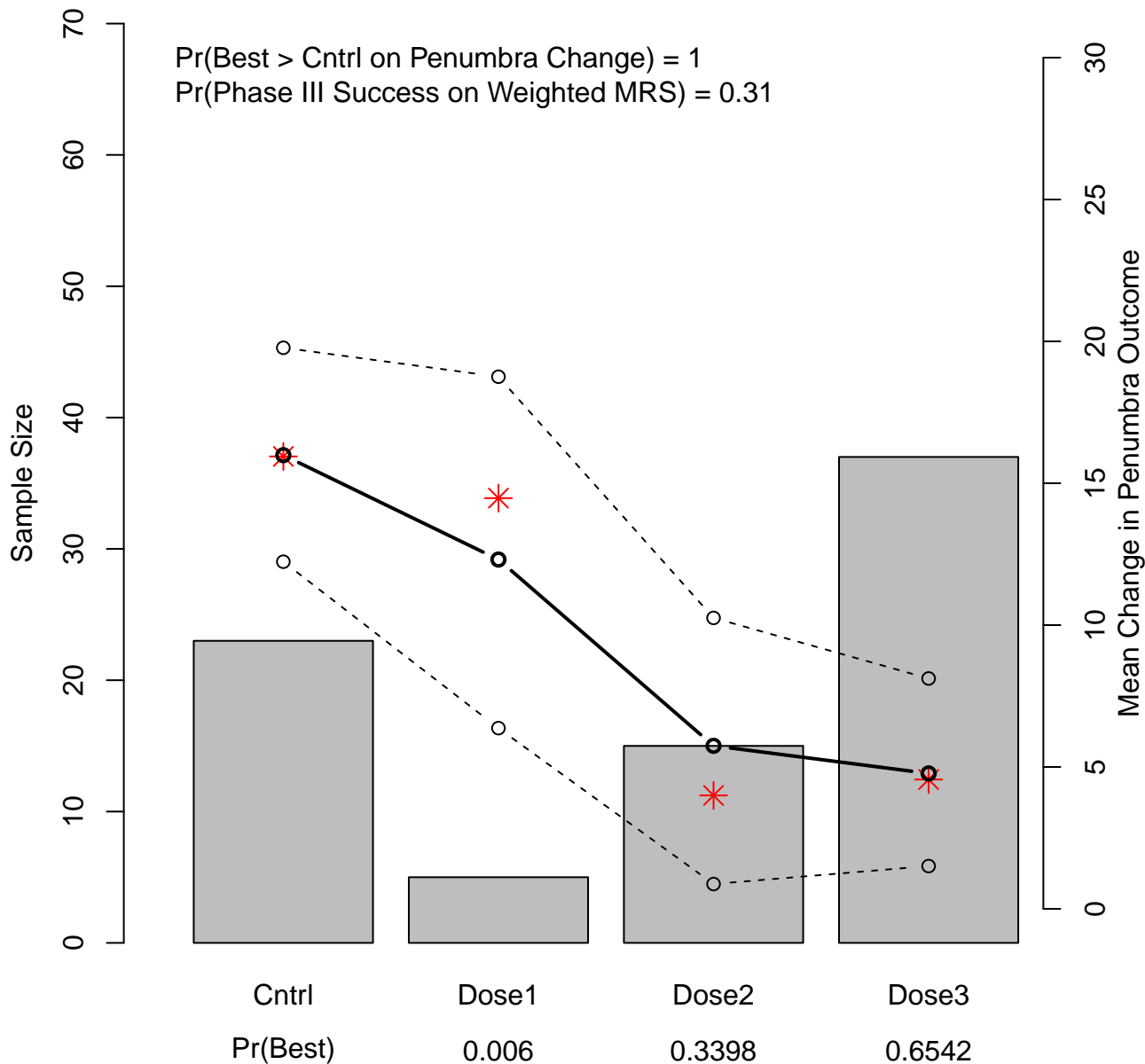


Simulated Trial: 3; Number Enrolled: 40

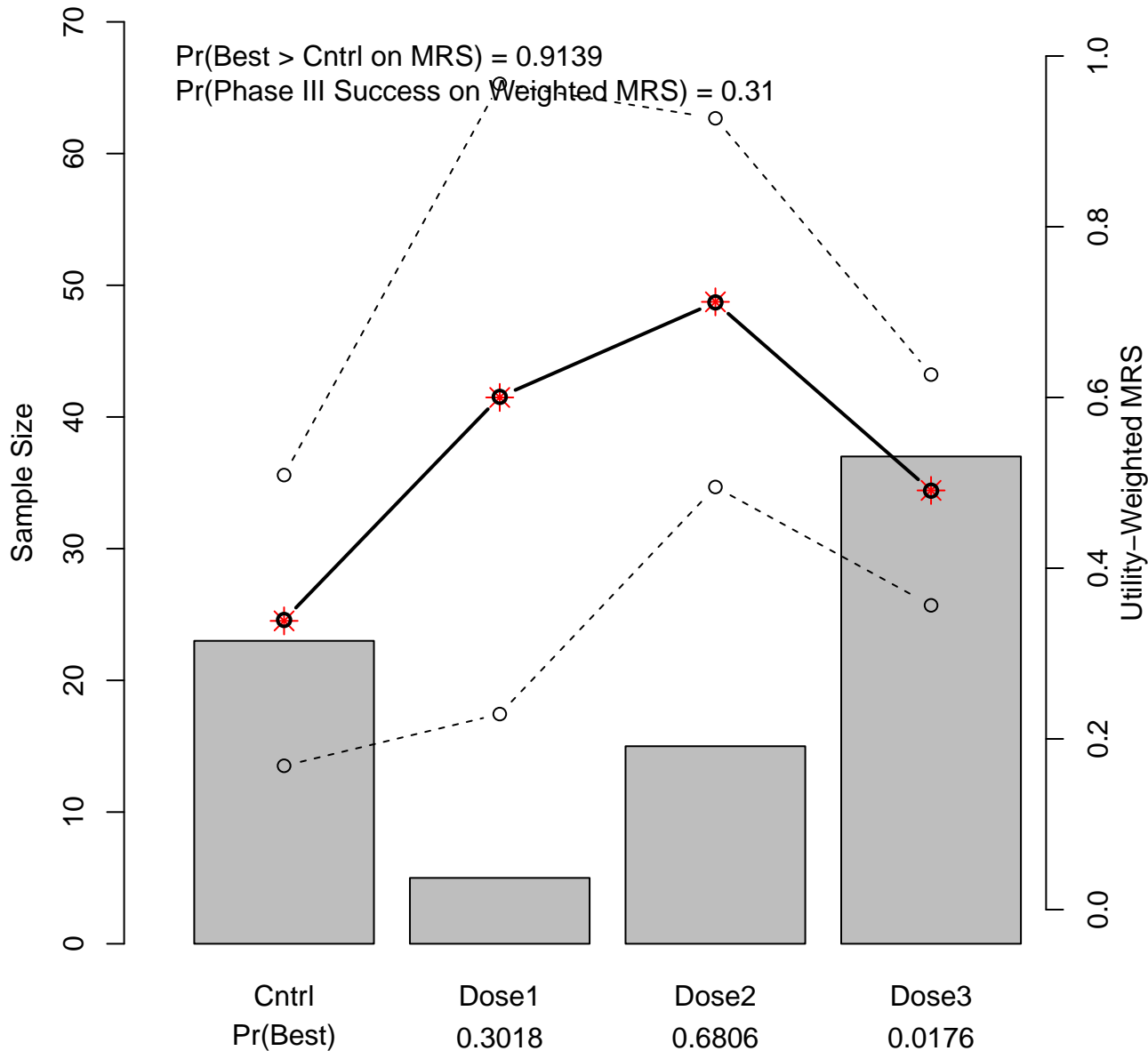


Simulated Trial: 3; Number Enrolled: 80

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.31$

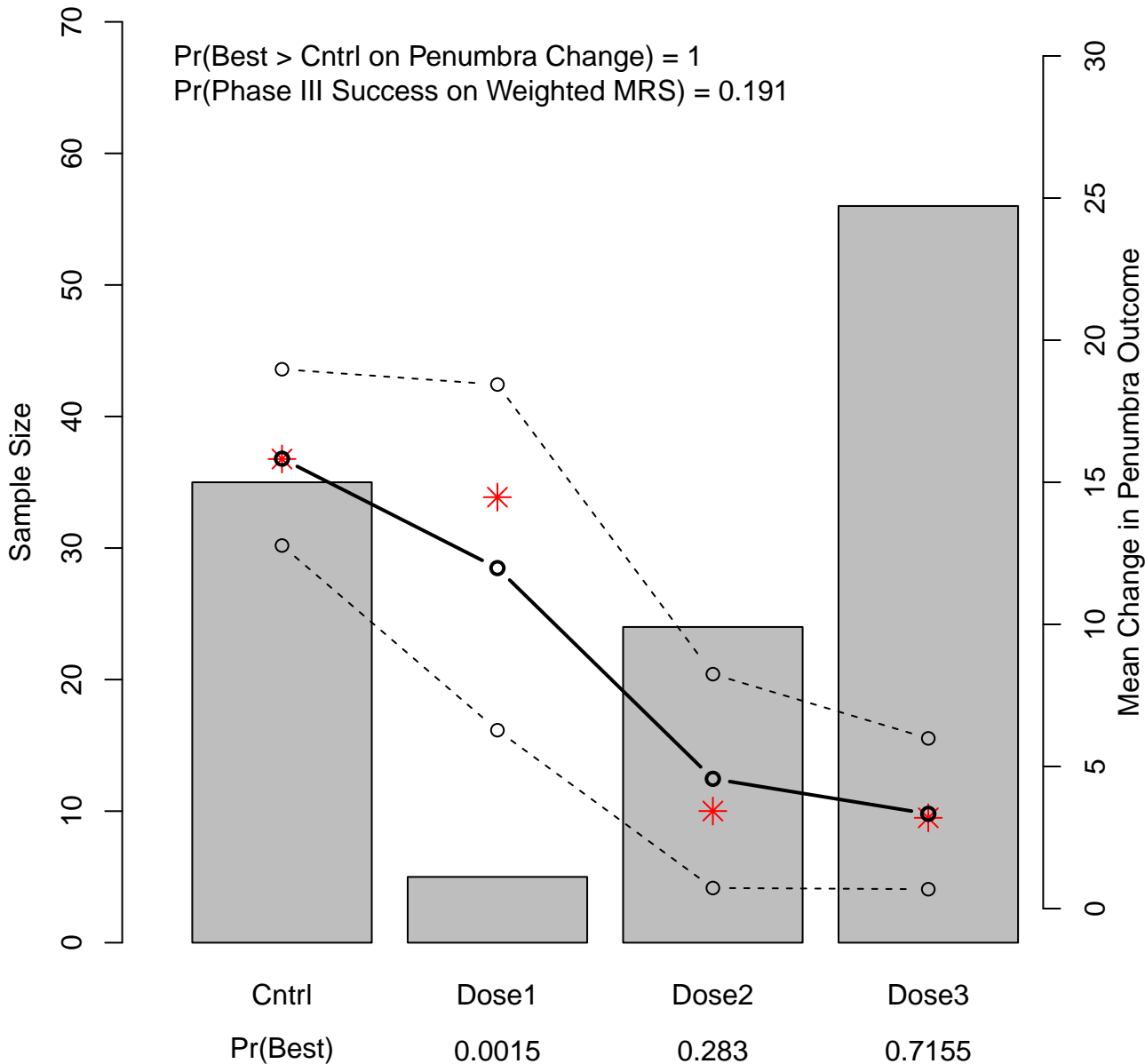


Simulated Trial: 3; Number Enrolled: 80

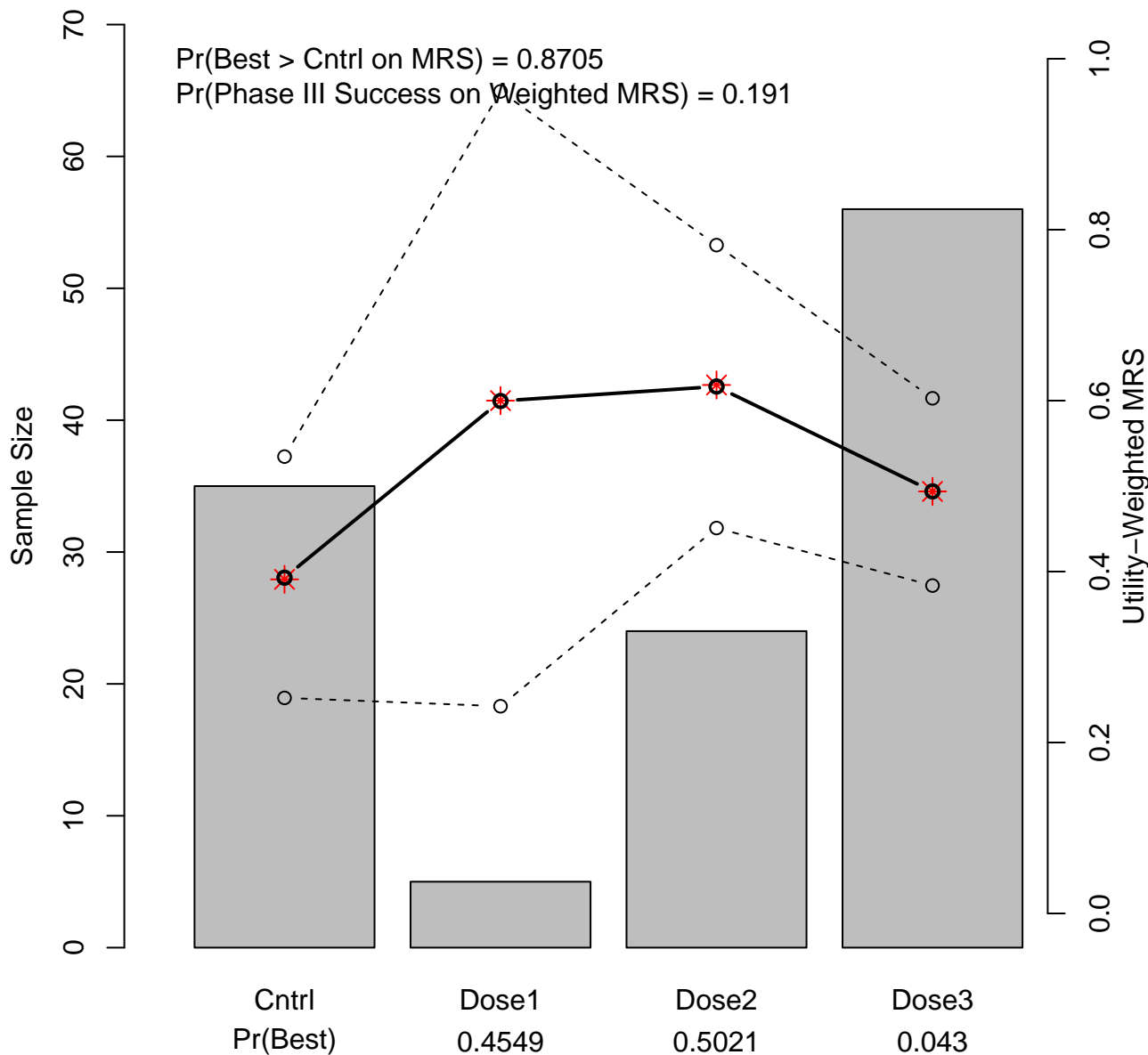


Simulated Trial: 3; Number Enrolled: 120

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.191$

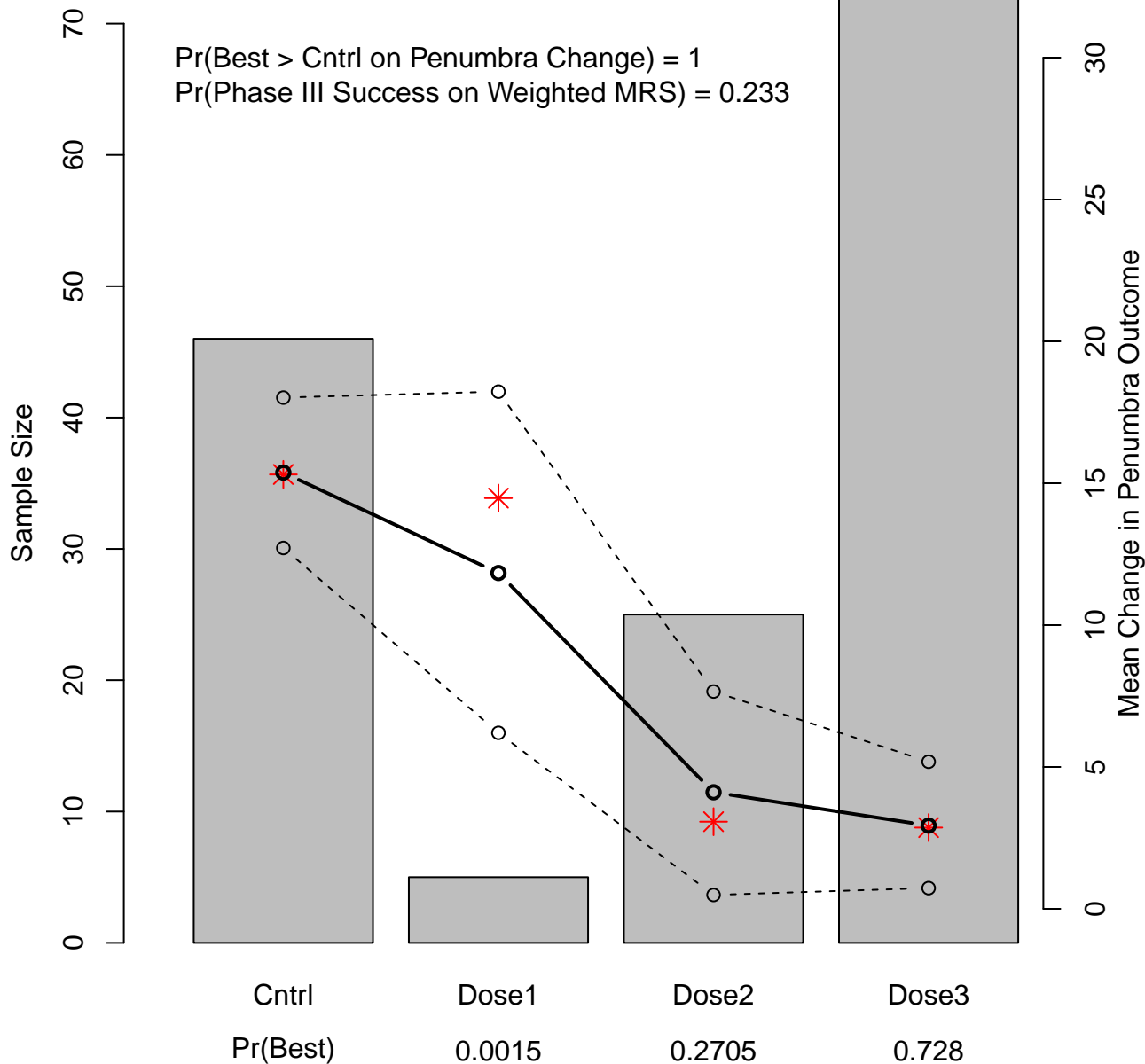


Simulated Trial: 3; Number Enrolled: 120



Simulated Trial: 3; Number Enrolled: 150

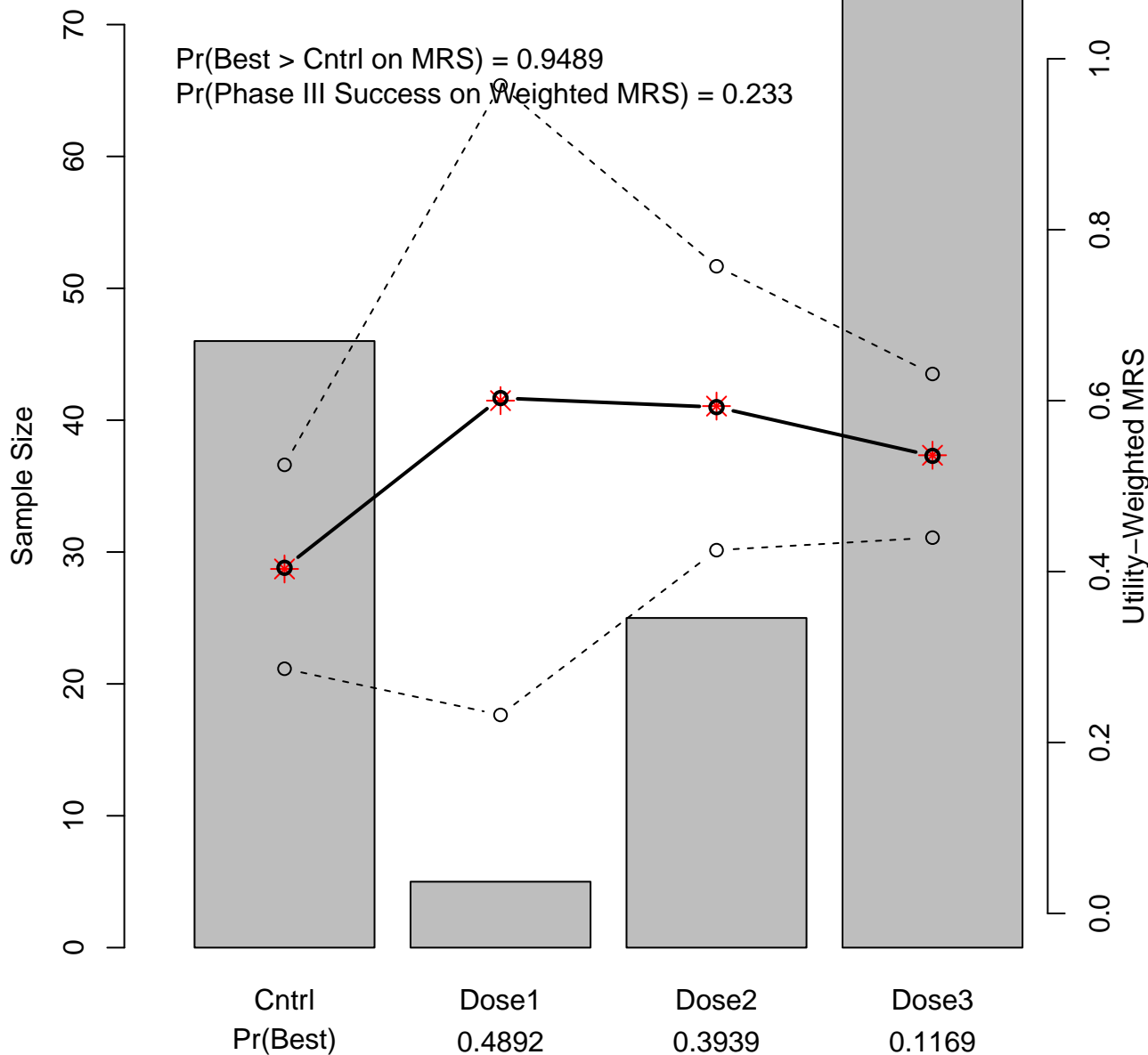
$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.233$



Simulated Trial: 3; Number Enrolled: 150

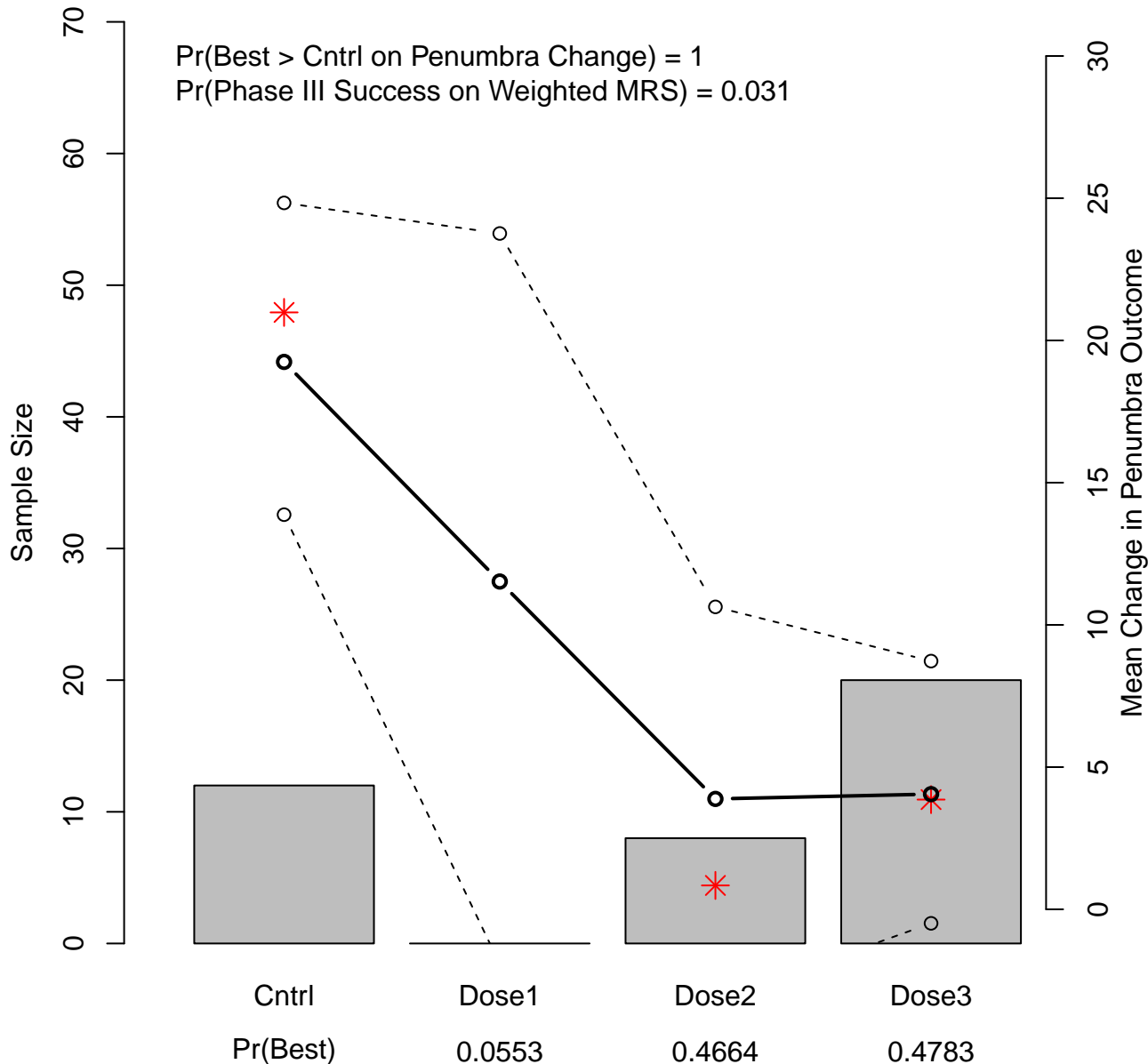
$\Pr(\text{Best} > \text{Cntrl on MRS}) = 0.9489$

$\Pr(\text{Phase III Success on Weighted MRS}) = 0.233$

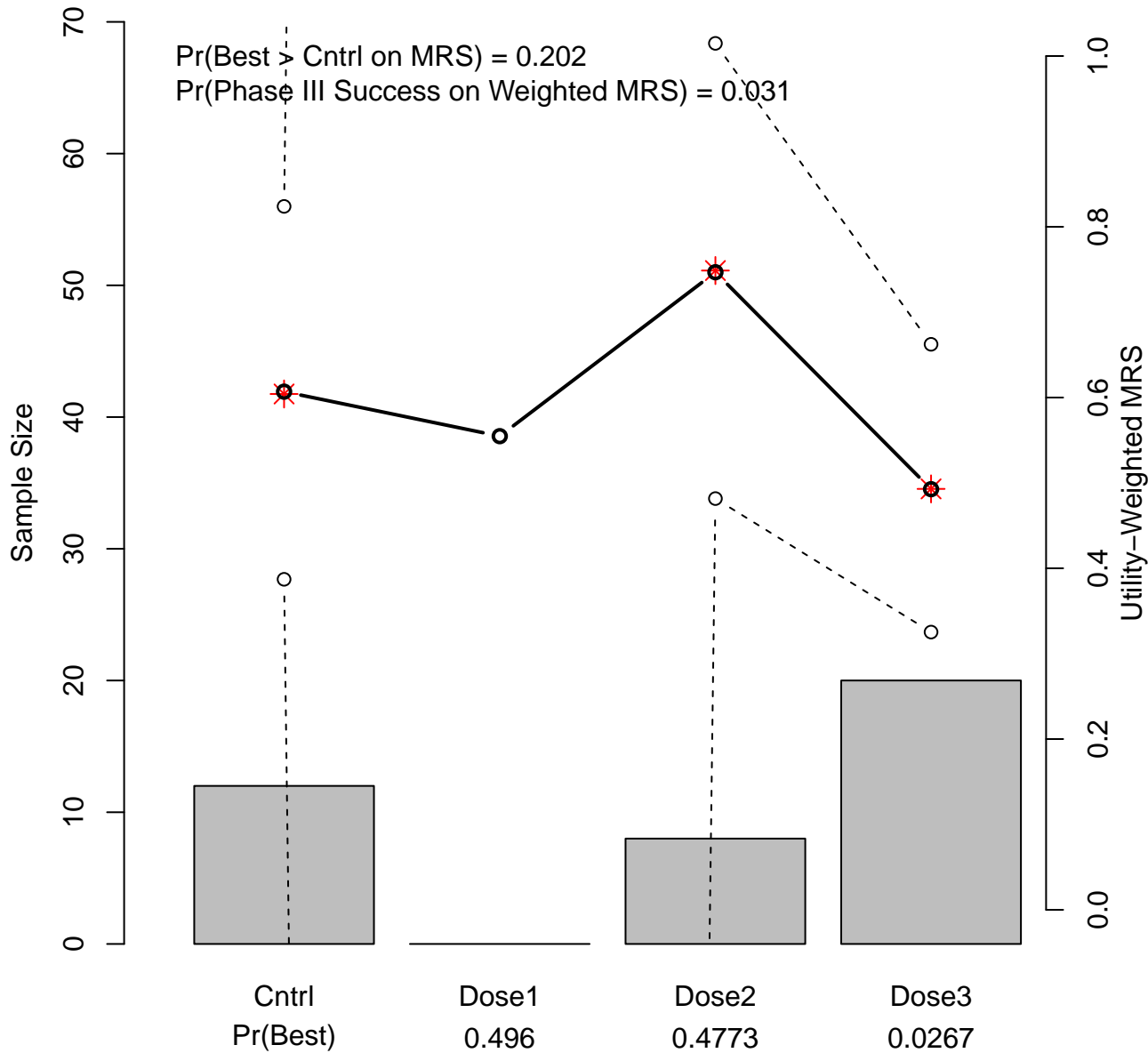


Simulated Trial: 4; Number Enrolled: 40

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.031$

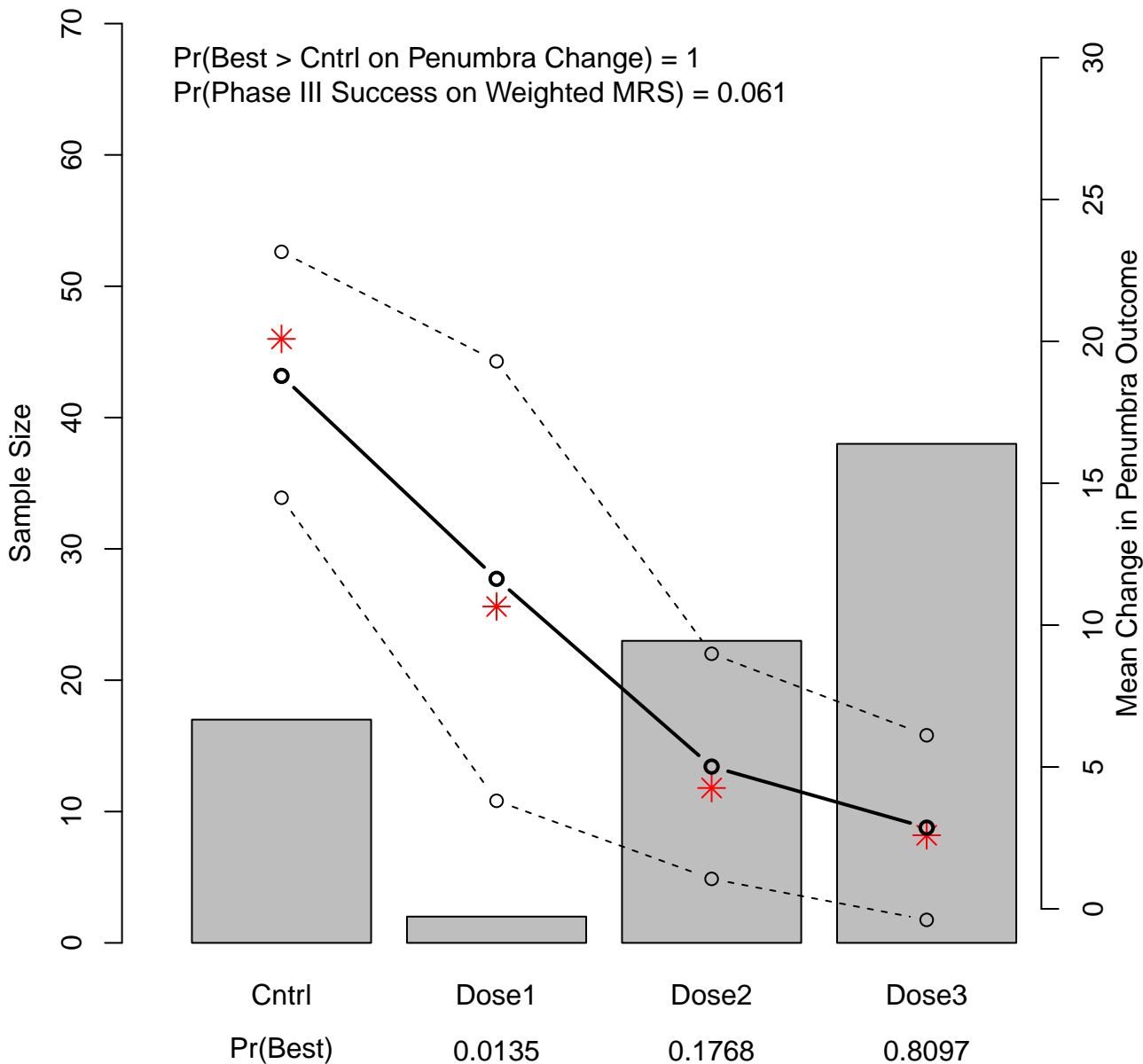


Simulated Trial: 4; Number Enrolled: 40

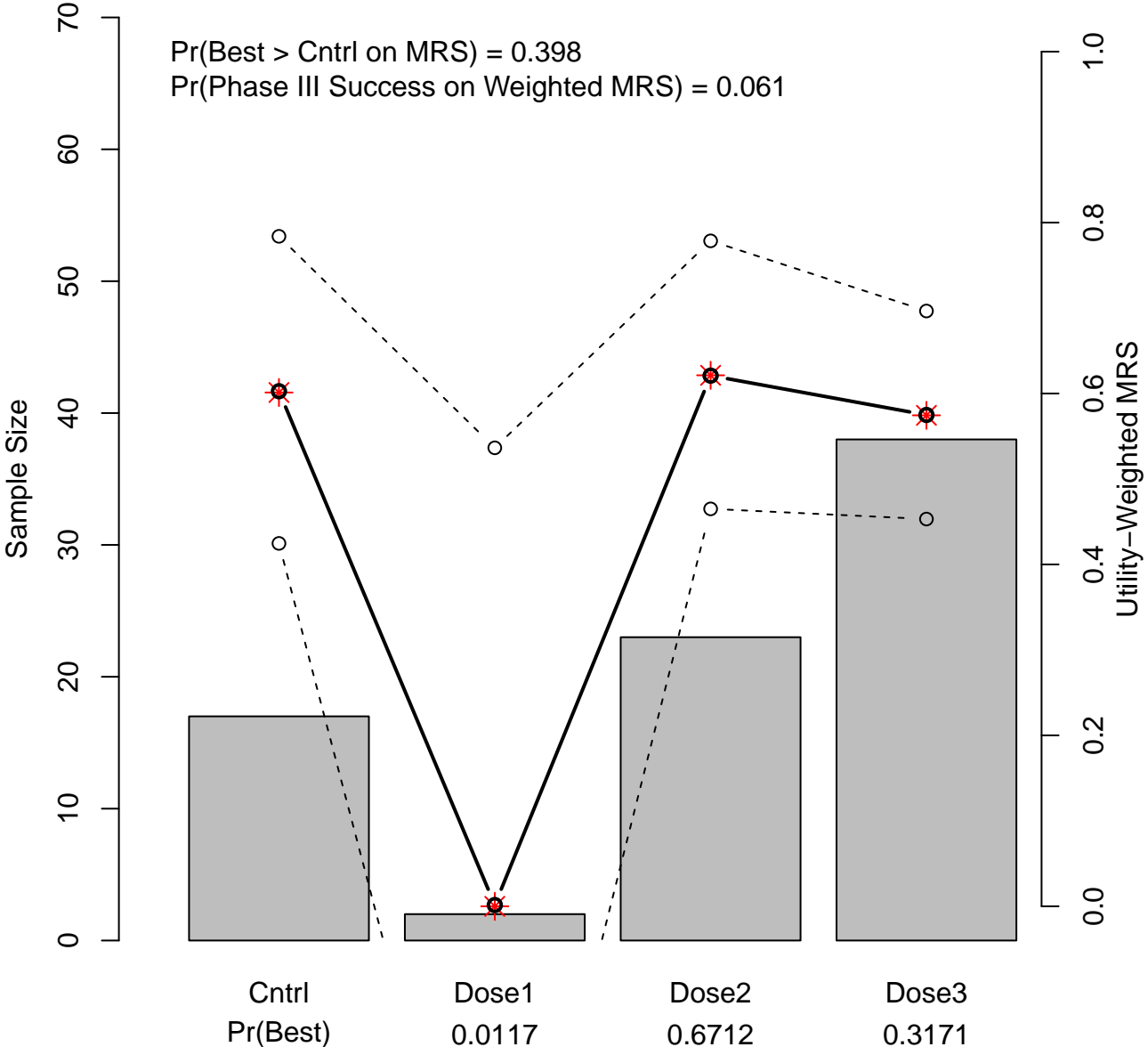


Simulated Trial: 4; Number Enrolled: 80

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.061$

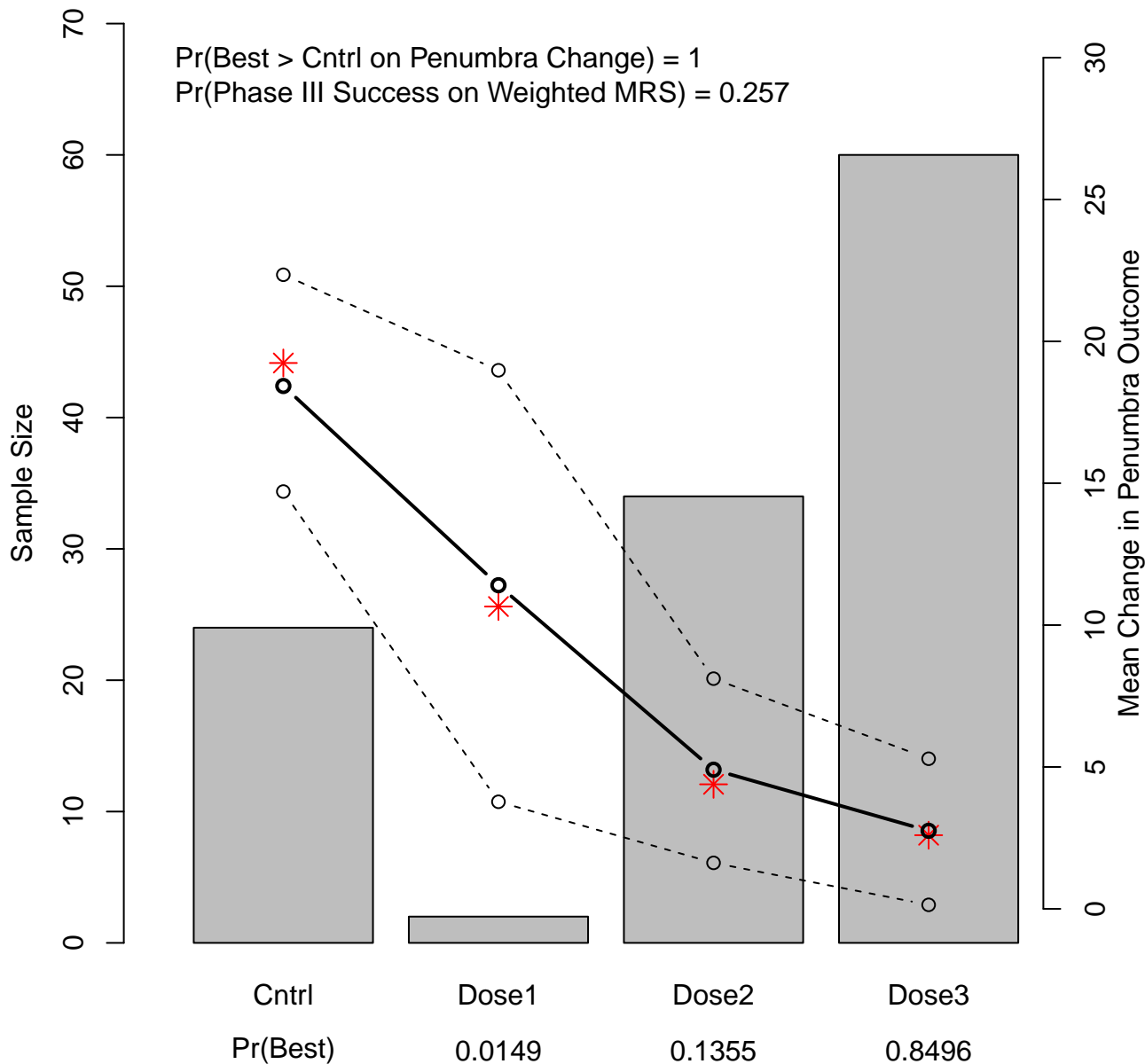


Simulated Trial: 4; Number Enrolled: 80

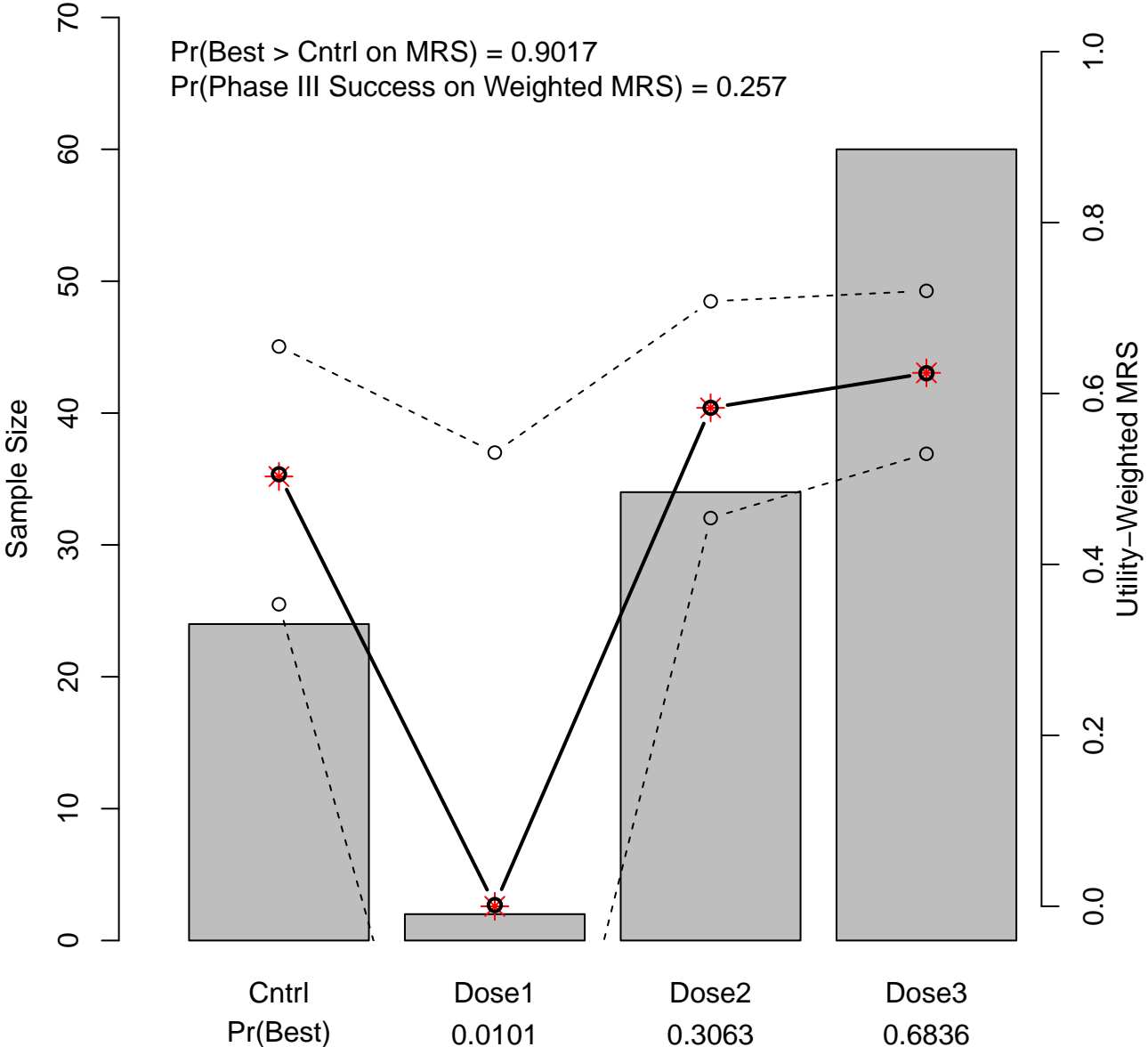


Simulated Trial: 4; Number Enrolled: 120

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.257$

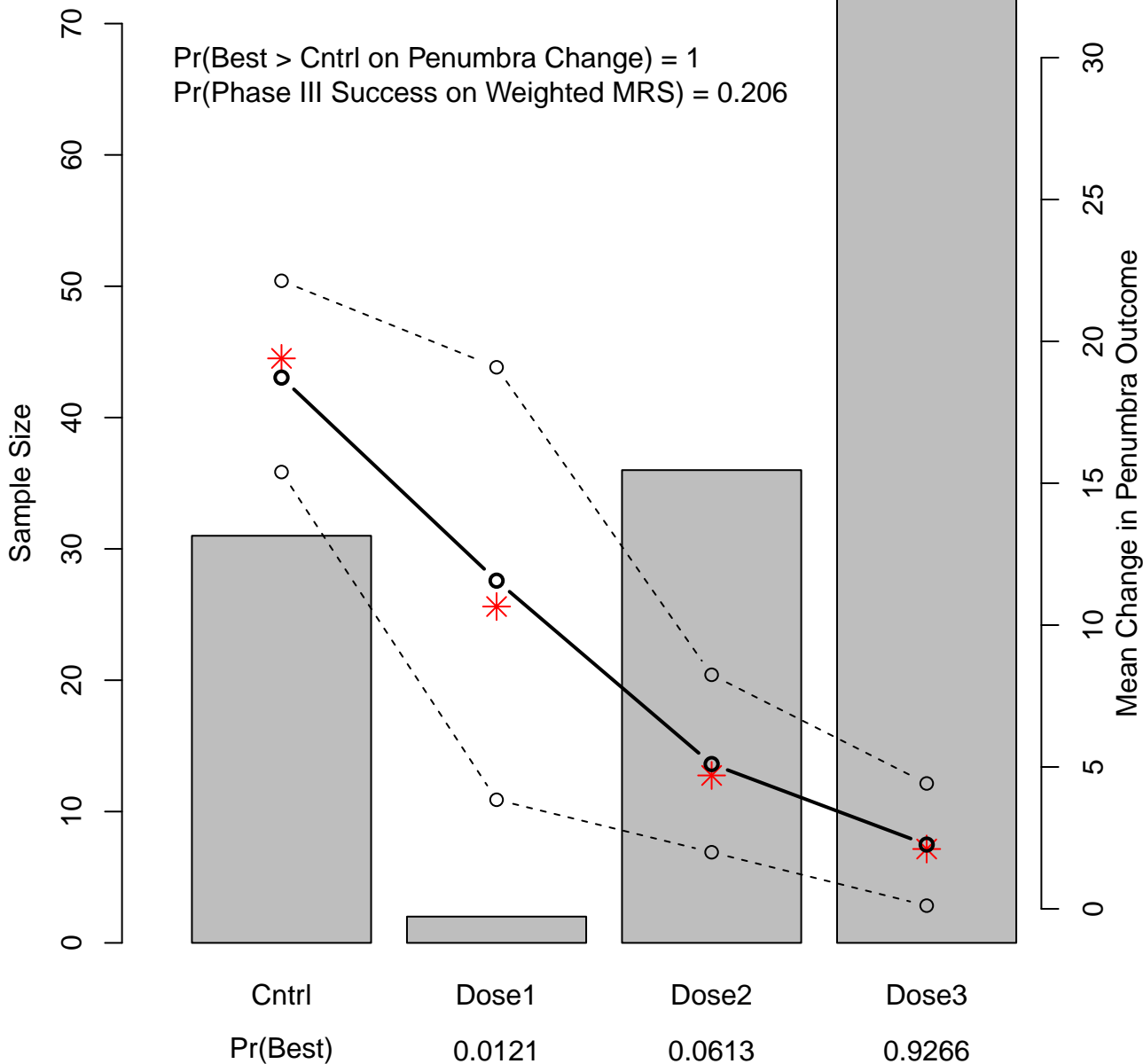


Simulated Trial: 4; Number Enrolled: 120



Simulated Trial: 4; Number Enrolled: 150

$\Pr(\text{Best} > \text{Cntrl on Penumbra Change}) = 1$
 $\Pr(\text{Phase III Success on Weighted MRS}) = 0.206$



Simulated Trial: 4; Number Enrolled: 150

