**Log of changes for version h**

New original runs x3

NONE 0.0 16.0414 NONE 0.0 16.3192 NONE 0.0 15.9843

NONE 0.0 16.0511 NONE 0.0 16.0806 NONE 0.0 16.0048

NONE 0.0 16.0715 NONE 0.0 16.1276 NONE 0.0 16.0923

*Mean*

*16.05466667 16.128 16.02713333*

OPHTH 1906.2 16.5315 OPHTH 1906.6 16.4889 OPHTH 1882.2 16.2807

OPHTH 1882.6 16.2947 OPHTH 1877.4 16.2666 OPHTH 1887.6 16.336

OPHTH 1873.5 16.2519 OPHTH 1888.4 16.3698 OPHTH 1845.0 15.9995

*Mean*

*16.35936667 16.33716667 16.2054*

Strategy 2 6194.34 Strategy 2 9487.24 Strategy 2 10498.93

ICER still pretty variable, maybe need to go even higher once we double check everything

**doMarkov line 34**

EYECORREL

Change to 1, expected QALY decrease

*Try again with SIMSIZE = 10,000*

NONE 0.0 15.8826

NONE 0.0 16.0991

NONE 0.0 15.9664 *Mean = 15.9827*

OPHTH 1878.0 16.2488

OPHTH 1899.2 16.422

OPHTH 1886.9 16.3504 *Mean = 16.3404*

Strategy 2 5278.22

NONE 0.0 16.1518

NONE 0.0 16.2115

NONE 0.0 16.2233 *Mean = 16.1956*

OPHTH 1871.3 16.2365

OPHTH 1871.4 16.2602

OPHTH 1858.6 16.1191 *Mean = 16.2053*

Strategy 2 191825.68

NONE 0.0 16.2428

NONE 0.0 16.1048

NONE 0.0 16.0679 *Mean 16.1386*

OPHTH 1890.8 16.407

OPHTH 1855.9 16.086

OPHTH 1866.9 16.2059 *Mean = 16.2330*

Strategy 2 19808.26

These don’t look like they’ve changed

**doMarkov line 39**

UTILUNILATBLIND, change to 0.01. Expect QALY to decrease, ICER to increase

NONE 0.0 16.0568

NONE 0.0 16.1377

NONE 0.0 16.0236 *Mean = 16.0727*

OPHTH 1886.3 16.3383

OPHTH 1856.2 16.1081

OPHTH 1871.9 16.2531 *Mean = 16.2331*

Strategy 2 11662.63

NONE 0.0 15.9757

NONE 0.0 15.9386

NONE 0.0 15.9017 *Mean = 15.9387*

OPHTH 1881.8 16.2824

OPHTH 1902.9 16.5091

OPHTH 1890.7 16.3511 *Mean = 16.3809*

Strategy 2 4278.20

NONE 0.0 16.0957

NONE 0.0 16.3435

NONE 0.0 15.7552 *Mean = 16.0648*

OPHTH 1882.9 16.3165

OPHTH 1875.0 16.2858

OPHTH 1869.9 16.1826 *Mean = 16.2616*

Strategy 2 9530.45

QALY for NONE sort of goes down, which makes sense.

**maketpm line 11**

Change probabilities to 90% advancing to next stage.

NONE 0.0 5.3024

NONE 0.0 5.275

NONE 0.0 5.2727 *Mean = 5.2834*

OPHTH 2517.3 5.9411

OPHTH 2532.1 5.9917

OPHTH 2533.6 5.9772 *Mean = 5.97*

Strategy 2 3681.23

QALY goes down for both, great

**maketpm line 45**

Change applyscatter all values in matrices to 0.005

*Try with SIMSIZE = 10000.*

Should see a lower ICER and higher QALY for OPHTH only

NONE 0.0 16.0957

NONE 0.0 16.3435

NONE 0.0 15.7552 *Mean = 16.0648*

OPHTH 1882.9 16.3165

OPHTH 1875.0 16.2858

OPHTH 1869.9 16.1826 *Mean = 16.2616*

Strategy 2 9530.45

NONE 0.0 15.9453

NONE 0.0 16.2991

NONE 0.0 15.9773 *Mean = 16.0739*

OPHTH 1894.0 16.4314

OPHTH 1915.1 16.615

OPHTH 1881.7 16.3277 *Mean = 16.4580*

Strategy 2 4938.25

NONE 0.0 15.9427

NONE 0.0 16.1065

NONE 0.0 16.0711 *Mean = 16.0401*

OPHTH 1868.4 16.2437

OPHTH 1890.7 16.4231

OPHTH 1928.5 16.7362 *Mean = 16.4677*

Strategy 2 4434.19

QALY goes up for OPHTH