

lambda (nm)	Etr W/m ² /nm	direct + circumsolar W/m ² /nm
280.0	8.200E-02	2.536E-26
280.5	9.900E-02	1.092E-24
281.0	1.500E-01	6.125E-24
281.5	2.120E-01	2.748E-22
282.0	2.670E-01	2.835E-21
282.5	3.030E-01	1.327E-20
283.0	3.250E-01	6.765E-20
283.5	3.230E-01	1.461E-19
284.0	2.990E-01	4.984E-18
284.5	2.502E-01	2.162E-17
285.0	1.759E-01	9.000E-17
285.5	1.550E-01	6.442E-16
286.0	2.420E-01	2.350E-15
286.5	3.330E-01	1.846E-14
287.0	3.620E-01	7.255E-14
287.5	3.390E-01	3.662E-13
288.0	3.110E-01	2.806E-12
288.5	3.250E-01	9.065E-12
289.0	3.920E-01	3.498E-11
289.5	4.790E-01	1.537E-10
290.0	5.630E-01	5.145E-10
290.5	6.060E-01	1.330E-09
291.0	6.180E-01	3.897E-09
291.5	5.980E-01	1.443E-08
292.0	5.670E-01	4.079E-08
292.5	5.290E-01	7.041E-08
293.0	5.380E-01	1.576E-07
293.5	5.490E-01	4.710E-07
294.0	5.330E-01	9.456E-07
294.5	5.200E-01	1.597E-06
295.0	5.270E-01	3.225E-06
295.5	5.590E-01	8.021E-06
296.0	5.730E-01	1.474E-05
296.5	5.210E-01	2.331E-05
297.0	4.780E-01	3.319E-05
297.5	5.290E-01	6.791E-05
298.0	5.280E-01	1.113E-04
298.5	4.680E-01	1.427E-04
299.0	4.720E-01	2.032E-04
299.5	5.010E-01	3.739E-04
300.0	4.579E-01	4.563E-04
300.5	4.330E-01	5.721E-04
301.0	4.630E-01	9.193E-04
301.5	4.776E-01	1.320E-03

302.0	4.490E-01	1.457E-03
302.5	5.080E-01	2.191E-03
303.0	6.120E-01	3.733E-03
303.5	6.460E-01	4.804E-03
304.0	6.210E-01	5.097E-03
304.5	6.260E-01	6.468E-03
305.0	6.420E-01	8.934E-03
305.5	6.110E-01	1.019E-02
306.0	5.650E-01	1.015E-02
306.5	5.750E-01	1.157E-02
307.0	6.050E-01	1.525E-02
307.5	6.310E-01	1.947E-02
308.0	6.450E-01	2.075E-02
308.5	6.405E-01	2.275E-02
309.0	5.800E-01	2.230E-02
309.5	5.000E-01	2.367E-02
310.0	5.330E-01	2.783E-02
310.5	6.520E-01	3.588E-02
311.0	7.620E-01	4.539E-02
311.5	7.440E-01	4.616E-02
312.0	7.062E-01	5.090E-02
312.5	6.760E-01	5.377E-02
313.0	6.940E-01	5.832E-02
313.5	7.240E-01	5.900E-02
314.0	7.170E-01	6.527E-02
314.5	6.760E-01	7.048E-02
315.0	6.845E-01	7.369E-02
315.5	6.320E-01	6.483E-02
316.0	5.870E-01	6.709E-02
316.5	6.490E-01	8.112E-02
317.0	7.390E-01	9.302E-02
317.5	8.019E-01	9.971E-02
318.0	7.236E-01	9.582E-02
318.5	6.800E-01	1.001E-01
319.0	7.058E-01	1.097E-01
319.5	7.332E-01	1.069E-01
320.0	7.750E-01	1.128E-01
320.5	8.260E-01	1.331E-01
321.0	7.655E-01	1.341E-01
321.5	7.190E-01	1.282E-01
322.0	7.351E-01	1.220E-01
322.5	7.115E-01	1.197E-01
323.0	6.490E-01	1.162E-01
323.5	6.814E-01	1.339E-01
324.0	7.405E-01	1.485E-01
324.5	7.880E-01	1.547E-01
325.0	8.292E-01	1.550E-01
325.5	9.138E-01	1.794E-01

326.0	9.984E-01	2.087E-01
326.5	1.017E+00	2.216E-01
327.0	1.005E+00	2.183E-01
327.5	9.868E-01	2.129E-01
328.0	9.568E-01	1.977E-01
328.5	9.340E-01	2.068E-01
329.0	1.005E+00	2.330E-01
329.5	1.096E+00	2.586E-01
330.0	1.110E+00	2.619E-01
330.5	1.043E+00	2.410E-01
331.0	9.910E-01	2.284E-01
331.5	9.940E-01	2.364E-01
332.0	9.928E-01	2.451E-01
332.5	9.800E-01	2.466E-01
333.0	9.639E-01	2.426E-01
333.5	9.370E-01	2.327E-01
334.0	9.556E-01	2.382E-01
334.5	9.886E-01	2.543E-01
335.0	1.010E+00	2.648E-01
335.5	9.745E-01	2.589E-01
336.0	8.898E-01	2.381E-01
336.5	8.290E-01	2.210E-01
337.0	8.180E-01	2.177E-01
337.5	8.773E-01	2.343E-01
338.0	9.253E-01	2.532E-01
338.5	9.578E-01	2.655E-01
339.0	9.686E-01	2.710E-01
339.5	9.890E-01	2.785E-01
340.0	1.054E+00	2.966E-01
340.5	1.046E+00	2.967E-01
341.0	9.710E-01	2.793E-01
341.5	9.590E-01	2.785E-01
342.0	9.957E-01	2.912E-01
342.5	1.028E+00	3.030E-01
343.0	1.042E+00	3.086E-01
343.5	9.830E-01	2.925E-01
344.0	8.542E-01	2.535E-01
344.5	8.130E-01	2.444E-01
345.0	9.158E-01	2.785E-01
345.5	9.702E-01	2.976E-01
346.0	9.427E-01	2.913E-01
346.5	9.559E-01	2.975E-01
347.0	9.695E-01	3.032E-01
347.5	9.332E-01	2.935E-01
348.0	9.247E-01	2.931E-01
348.5	9.372E-01	2.988E-01
349.0	8.990E-01	2.886E-01
349.5	9.197E-01	2.972E-01

350.0	1.012E+00	3.291E-01
350.5	1.085E+00	3.547E-01
351.0	1.053E+00	3.460E-01
351.5	1.013E+00	3.339E-01
352.0	9.838E-01	3.267E-01
352.5	9.260E-01	3.095E-01
353.0	9.801E-01	3.298E-01
353.5	1.075E+00	3.635E-01
354.0	1.135E+00	3.852E-01
354.5	1.144E+00	3.904E-01
355.0	1.141E+00	3.914E-01
355.5	1.096E+00	3.788E-01
356.0	1.025E+00	3.563E-01
356.5	9.591E-01	3.350E-01
357.0	8.420E-01	2.953E-01
357.5	8.502E-01	2.995E-01
358.0	7.892E-01	2.794E-01
358.5	7.310E-01	2.600E-01
359.0	8.581E-01	3.065E-01
359.5	1.032E+00	3.701E-01
360.0	1.089E+00	3.924E-01
360.5	1.027E+00	3.717E-01
361.0	9.415E-01	3.428E-01
361.5	9.180E-01	3.365E-01
362.0	9.580E-01	3.535E-01
362.5	1.045E+00	3.880E-01
363.0	1.071E+00	4.001E-01
363.5	1.038E+00	3.899E-01
364.0	1.072E+00	4.047E-01
364.5	1.059E+00	4.018E-01
365.0	1.097E+00	4.181E-01
365.5	1.204E+00	4.611E-01
366.0	1.286E+00	4.951E-01
366.5	1.284E+00	4.969E-01
367.0	1.258E+00	4.887E-01
367.5	1.232E+00	4.804E-01
368.0	1.157E+00	4.532E-01
368.5	1.146E+00	4.511E-01
369.0	1.194E+00	4.724E-01
369.5	1.280E+00	5.086E-01
370.0	1.293E+00	5.167E-01
370.5	1.166E+00	4.680E-01
371.0	1.181E+00	4.763E-01
371.5	1.225E+00	4.959E-01
372.0	1.144E+00	4.651E-01
372.5	1.088E+00	4.439E-01
373.0	1.045E+00	4.283E-01
373.5	9.390E-01	3.868E-01

374.0	9.344E-01	3.865E-01
374.5	9.250E-01	3.844E-01
375.0	9.850E-01	4.109E-01
375.5	1.087E+00	4.551E-01
376.0	1.124E+00	4.722E-01
376.5	1.104E+00	4.654E-01
377.0	1.181E+00	5.001E-01
377.5	1.315E+00	5.589E-01
378.0	1.414E+00	6.031E-01
378.5	1.377E+00	5.889E-01
379.0	1.226E+00	5.262E-01
379.5	1.098E+00	4.726E-01
380.0	1.152E+00	4.975E-01
380.5	1.231E+00	5.340E-01
381.0	1.249E+00	5.442E-01
381.5	1.122E+00	4.914E-01
382.0	9.543E-01	4.196E-01
382.5	8.231E-01	3.636E-01
383.0	7.360E-01	3.265E-01
383.5	7.110E-01	3.166E-01
384.0	8.210E-01	3.669E-01
384.5	9.862E-01	4.424E-01
385.0	1.080E+00	4.864E-01
385.5	1.030E+00	4.655E-01
386.0	9.911E-01	4.498E-01
386.5	1.028E+00	4.685E-01
387.0	1.035E+00	4.734E-01
387.5	1.019E+00	4.673E-01
388.0	1.007E+00	4.635E-01
388.5	9.974E-01	4.610E-01
389.0	1.081E+00	5.012E-01
389.5	1.196E+00	5.564E-01
390.0	1.252E+00	5.846E-01
390.5	1.260E+00	5.904E-01
391.0	1.332E+00	6.263E-01
391.5	1.349E+00	6.362E-01
392.0	1.240E+00	5.866E-01
392.5	1.031E+00	4.896E-01
393.0	7.450E-01	3.550E-01
393.5	5.912E-01	2.827E-01
394.0	7.668E-01	3.678E-01
394.5	1.056E+00	5.081E-01
395.0	1.245E+00	6.010E-01
395.5	1.325E+00	6.410E-01
396.0	1.163E+00	5.644E-01
396.5	8.433E-01	4.110E-01
397.0	6.520E-01	3.188E-01
397.5	9.614E-01	4.715E-01

398.0	1.301E+00	6.394E-01
398.5	1.534E+00	7.562E-01
399.0	1.625E+00	8.041E-01
399.5	1.672E+00	8.298E-01
400.0	1.689E+00	8.399E-01
401.0	1.752E+00	8.769E-01
402.0	1.814E+00	9.139E-01
403.0	1.740E+00	8.821E-01
404.0	1.763E+00	8.985E-01
405.0	1.715E+00	8.785E-01
406.0	1.666E+00	8.588E-01
407.0	1.630E+00	8.455E-01
408.0	1.699E+00	8.849E-01
409.0	1.809E+00	9.472E-01
410.0	1.537E+00	8.091E-01
411.0	1.715E+00	9.077E-01
412.0	1.816E+00	9.669E-01
413.0	1.739E+00	9.295E-01
414.0	1.714E+00	9.213E-01
415.0	1.769E+00	9.557E-01
416.0	1.815E+00	9.863E-01
417.0	1.766E+00	9.639E-01
418.0	1.685E+00	9.239E-01
419.0	1.749E+00	9.635E-01
420.0	1.599E+00	8.847E-01
421.0	1.811E+00	1.007E+00
422.0	1.782E+00	9.950E-01
423.0	1.721E+00	9.653E-01
424.0	1.708E+00	9.618E-01
425.0	1.755E+00	9.931E-01
426.0	1.699E+00	9.667E-01
427.0	1.638E+00	9.355E-01
428.0	1.651E+00	9.463E-01
429.0	1.523E+00	8.777E-01
430.0	1.212E+00	7.013E-01
431.0	1.099E+00	6.378E-01
432.0	1.822E+00	1.063E+00
433.0	1.691E+00	9.905E-01
434.0	1.560E+00	9.165E-01
435.0	1.709E+00	1.007E+00
436.0	1.868E+00	1.106E+00
437.0	1.900E+00	1.131E+00
438.0	1.663E+00	9.937E-01
439.0	1.601E+00	9.575E-01
440.0	1.830E+00	1.099E+00
441.0	1.799E+00	1.086E+00
442.0	1.922E+00	1.164E+00
443.0	1.949E+00	1.182E+00

444.0	1.894E+00	1.154E+00
445.0	1.965E+00	1.199E+00
446.0	1.756E+00	1.077E+00
447.0	1.990E+00	1.226E+00
448.0	2.014E+00	1.242E+00
449.0	2.001E+00	1.241E+00
450.0	2.069E+00	1.288E+00
451.0	2.142E+00	1.338E+00
452.0	2.047E+00	1.282E+00
453.0	1.886E+00	1.185E+00
454.0	2.018E+00	1.273E+00
455.0	2.001E+00	1.266E+00
456.0	2.063E+00	1.309E+00
457.0	2.077E+00	1.321E+00
458.0	2.032E+00	1.295E+00
459.0	2.012E+00	1.286E+00
460.0	1.997E+00	1.279E+00
461.0	2.064E+00	1.326E+00
462.0	2.078E+00	1.339E+00
463.0	2.084E+00	1.345E+00
464.0	2.015E+00	1.306E+00
465.0	1.984E+00	1.291E+00
466.0	2.021E+00	1.319E+00
467.0	1.931E+00	1.262E+00
468.0	2.012E+00	1.318E+00
469.0	2.018E+00	1.325E+00
470.0	1.939E+00	1.275E+00
471.0	1.969E+00	1.298E+00
472.0	2.070E+00	1.366E+00
473.0	1.988E+00	1.314E+00
474.0	2.012E+00	1.330E+00
475.0	2.080E+00	1.376E+00
476.0	2.012E+00	1.330E+00
477.0	2.025E+00	1.339E+00
478.0	2.086E+00	1.384E+00
479.0	2.040E+00	1.359E+00
480.0	2.068E+00	1.383E+00
481.0	2.061E+00	1.384E+00
482.0	2.062E+00	1.390E+00
483.0	2.031E+00	1.374E+00
484.0	1.989E+00	1.349E+00
485.0	1.979E+00	1.346E+00
486.0	1.601E+00	1.092E+00
487.0	1.789E+00	1.224E+00
488.0	1.935E+00	1.325E+00
489.0	1.822E+00	1.249E+00
490.0	2.032E+00	1.397E+00
491.0	1.949E+00	1.344E+00

492.0	1.856E+00	1.282E+00
493.0	1.983E+00	1.372E+00
494.0	1.934E+00	1.340E+00
495.0	2.051E+00	1.424E+00
496.0	1.949E+00	1.355E+00
497.0	1.980E+00	1.379E+00
498.0	1.924E+00	1.342E+00
499.0	1.923E+00	1.343E+00
500.0	1.916E+00	1.339E+00
501.0	1.858E+00	1.299E+00
502.0	1.860E+00	1.299E+00
503.0	1.949E+00	1.360E+00
504.0	1.833E+00	1.268E+00
505.0	1.947E+00	1.360E+00
506.0	2.025E+00	1.415E+00
507.0	1.935E+00	1.355E+00
508.0	1.880E+00	1.321E+00
509.0	1.965E+00	1.385E+00
510.0	1.910E+00	1.350E+00
511.0	1.941E+00	1.375E+00
512.0	1.989E+00	1.413E+00
513.0	1.866E+00	1.328E+00
514.0	1.824E+00	1.300E+00
515.0	1.875E+00	1.339E+00
516.0	1.891E+00	1.351E+00
517.0	1.539E+00	1.102E+00
518.0	1.759E+00	1.261E+00
519.0	1.704E+00	1.222E+00
520.0	1.860E+00	1.335E+00
521.0	1.873E+00	1.345E+00
522.0	1.915E+00	1.376E+00
523.0	1.804E+00	1.298E+00
524.0	1.941E+00	1.396E+00
525.0	1.928E+00	1.386E+00
526.0	1.874E+00	1.348E+00
527.0	1.641E+00	1.180E+00
528.0	1.880E+00	1.351E+00
529.0	1.969E+00	1.414E+00
530.0	1.892E+00	1.360E+00
531.0	1.995E+00	1.435E+00
532.0	1.958E+00	1.409E+00
533.0	1.747E+00	1.259E+00
534.0	1.869E+00	1.349E+00
535.0	1.895E+00	1.370E+00
536.0	1.974E+00	1.429E+00
537.0	1.824E+00	1.323E+00
538.0	1.913E+00	1.390E+00
539.0	1.864E+00	1.356E+00

540.0	1.800E+00	1.310E+00
541.0	1.734E+00	1.260E+00
542.0	1.888E+00	1.371E+00
543.0	1.851E+00	1.349E+00
544.0	1.919E+00	1.397E+00
545.0	1.874E+00	1.366E+00
546.0	1.861E+00	1.354E+00
547.0	1.882E+00	1.372E+00
548.0	1.826E+00	1.333E+00
549.0	1.880E+00	1.375E+00
550.0	1.863E+00	1.365E+00
551.0	1.859E+00	1.364E+00
552.0	1.896E+00	1.392E+00
553.0	1.842E+00	1.353E+00
554.0	1.878E+00	1.380E+00
555.0	1.889E+00	1.388E+00
556.0	1.857E+00	1.365E+00
557.0	1.812E+00	1.332E+00
558.0	1.853E+00	1.361E+00
559.0	1.755E+00	1.289E+00
560.0	1.786E+00	1.312E+00
561.0	1.890E+00	1.389E+00
562.0	1.801E+00	1.323E+00
563.0	1.871E+00	1.373E+00
564.0	1.836E+00	1.347E+00
565.0	1.849E+00	1.356E+00
566.0	1.750E+00	1.282E+00
567.0	1.868E+00	1.367E+00
568.0	1.859E+00	1.355E+00
569.0	1.831E+00	1.323E+00
570.0	1.828E+00	1.324E+00
571.0	1.762E+00	1.281E+00
572.0	1.872E+00	1.353E+00
573.0	1.881E+00	1.360E+00
574.0	1.873E+00	1.353E+00
575.0	1.834E+00	1.323E+00
576.0	1.818E+00	1.312E+00
577.0	1.862E+00	1.345E+00
578.0	1.799E+00	1.304E+00
579.0	1.816E+00	1.323E+00
580.0	1.834E+00	1.346E+00
581.0	1.833E+00	1.352E+00
582.0	1.852E+00	1.373E+00
583.0	1.863E+00	1.387E+00
584.0	1.854E+00	1.385E+00
585.0	1.836E+00	1.374E+00
586.0	1.792E+00	1.341E+00
587.0	1.838E+00	1.371E+00

588.0	1.821E+00	1.340E+00
589.0	1.624E+00	1.158E+00
590.0	1.722E+00	1.232E+00
591.0	1.809E+00	1.317E+00
592.0	1.788E+00	1.290E+00
593.0	1.792E+00	1.309E+00
594.0	1.789E+00	1.303E+00
595.0	1.778E+00	1.287E+00
596.0	1.796E+00	1.326E+00
597.0	1.806E+00	1.330E+00
598.0	1.772E+00	1.314E+00
599.0	1.764E+00	1.315E+00
600.0	1.770E+00	1.328E+00
601.0	1.742E+00	1.312E+00
602.0	1.715E+00	1.293E+00
603.0	1.749E+00	1.321E+00
604.0	1.779E+00	1.344E+00
605.0	1.773E+00	1.342E+00
606.0	1.758E+00	1.335E+00
607.0	1.762E+00	1.343E+00
608.0	1.751E+00	1.339E+00
609.0	1.734E+00	1.329E+00
610.0	1.724E+00	1.324E+00
611.0	1.712E+00	1.317E+00
612.0	1.736E+00	1.337E+00
613.0	1.710E+00	1.318E+00
614.0	1.655E+00	1.278E+00
615.0	1.712E+00	1.325E+00
616.0	1.664E+00	1.291E+00
617.0	1.641E+00	1.274E+00
618.0	1.702E+00	1.323E+00
619.0	1.709E+00	1.329E+00
620.0	1.711E+00	1.330E+00
621.0	1.724E+00	1.336E+00
622.0	1.678E+00	1.288E+00
623.0	1.682E+00	1.279E+00
624.0	1.667E+00	1.275E+00
625.0	1.644E+00	1.267E+00
626.0	1.640E+00	1.266E+00
627.0	1.693E+00	1.302E+00
628.0	1.693E+00	1.233E+00
629.0	1.687E+00	1.276E+00
630.0	1.665E+00	1.259E+00
631.0	1.659E+00	1.280E+00
632.0	1.590E+00	1.233E+00
633.0	1.674E+00	1.311E+00
634.0	1.637E+00	1.291E+00
635.0	1.652E+00	1.307E+00

636.0	1.609E+00	1.277E+00
637.0	1.661E+00	1.320E+00
638.0	1.665E+00	1.329E+00
639.0	1.653E+00	1.324E+00
640.0	1.613E+00	1.296E+00
641.0	1.610E+00	1.297E+00
642.0	1.609E+00	1.300E+00
643.0	1.625E+00	1.313E+00
644.0	1.614E+00	1.307E+00
645.0	1.627E+00	1.317E+00
646.0	1.591E+00	1.280E+00
647.0	1.606E+00	1.274E+00
648.0	1.602E+00	1.263E+00
649.0	1.551E+00	1.223E+00
650.0	1.526E+00	1.230E+00
651.0	1.613E+00	1.307E+00
652.0	1.591E+00	1.256E+00
653.0	1.598E+00	1.295E+00
654.0	1.575E+00	1.281E+00
655.0	1.523E+00	1.222E+00
656.0	1.323E+00	1.073E+00
657.0	1.384E+00	1.122E+00
658.0	1.539E+00	1.254E+00
659.0	1.542E+00	1.259E+00
660.0	1.558E+00	1.267E+00
661.0	1.566E+00	1.262E+00
662.0	1.571E+00	1.252E+00
663.0	1.563E+00	1.254E+00
664.0	1.554E+00	1.265E+00
665.0	1.567E+00	1.287E+00
666.0	1.555E+00	1.286E+00
667.0	1.535E+00	1.277E+00
668.0	1.535E+00	1.281E+00
669.0	1.558E+00	1.303E+00
670.0	1.534E+00	1.285E+00
671.0	1.529E+00	1.283E+00
672.0	1.506E+00	1.265E+00
673.0	1.517E+00	1.276E+00
674.0	1.513E+00	1.274E+00
675.0	1.499E+00	1.264E+00
676.0	1.515E+00	1.279E+00
677.0	1.500E+00	1.267E+00
678.0	1.507E+00	1.274E+00
679.0	1.493E+00	1.263E+00
680.0	1.494E+00	1.265E+00
681.0	1.487E+00	1.260E+00
682.0	1.493E+00	1.266E+00
683.0	1.476E+00	1.253E+00

684.0	1.466E+00	1.245E+00
685.0	1.465E+00	1.245E+00
686.0	1.433E+00	1.217E+00
687.0	1.472E+00	8.829E-01
688.0	1.476E+00	1.020E+00
689.0	1.478E+00	1.026E+00
690.0	1.479E+00	1.075E+00
691.0	1.468E+00	1.120E+00
692.0	1.454E+00	1.152E+00
693.0	1.458E+00	1.145E+00
694.0	1.457E+00	1.132E+00
695.0	1.435E+00	1.154E+00
696.0	1.442E+00	1.151E+00
697.0	1.438E+00	1.215E+00
698.0	1.417E+00	1.196E+00
699.0	1.434E+00	1.172E+00
700.0	1.422E+00	1.164E+00
701.0	1.413E+00	1.149E+00
702.0	1.399E+00	1.150E+00
703.0	1.410E+00	1.157E+00
704.0	1.419E+00	1.186E+00
705.0	1.433E+00	1.199E+00
706.0	1.414E+00	1.193E+00
707.0	1.404E+00	1.188E+00
708.0	1.399E+00	1.184E+00
709.0	1.390E+00	1.188E+00
710.0	1.404E+00	1.195E+00
711.0	1.397E+00	1.193E+00
712.0	1.382E+00	1.186E+00
713.0	1.370E+00	1.172E+00
714.0	1.382E+00	1.182E+00
715.0	1.350E+00	1.143E+00
716.0	1.369E+00	1.155E+00
717.0	1.365E+00	1.008E+00
718.0	1.357E+00	9.387E-01
719.0	1.301E+00	8.427E-01
720.0	1.349E+00	8.994E-01
721.0	1.348E+00	9.897E-01
722.0	1.360E+00	1.128E+00
723.0	1.351E+00	1.042E+00
724.0	1.361E+00	9.631E-01
725.0	1.347E+00	9.474E-01
726.0	1.343E+00	9.864E-01
727.0	1.344E+00	9.899E-01
728.0	1.337E+00	9.497E-01
729.0	1.280E+00	9.550E-01
730.0	1.336E+00	1.029E+00
731.0	1.310E+00	9.770E-01

732.0	1.333E+00	1.052E+00
733.0	1.311E+00	1.090E+00
734.0	1.339E+00	1.126E+00
735.0	1.327E+00	1.110E+00
736.0	1.310E+00	1.099E+00
737.0	1.312E+00	1.098E+00
738.0	1.300E+00	1.118E+00
739.0	1.265E+00	1.086E+00
740.0	1.283E+00	1.112E+00
741.0	1.271E+00	1.108E+00
742.0	1.265E+00	1.108E+00
743.0	1.289E+00	1.132E+00
744.0	1.296E+00	1.141E+00
745.0	1.292E+00	1.140E+00
746.0	1.289E+00	1.138E+00
747.0	1.289E+00	1.139E+00
748.0	1.281E+00	1.132E+00
749.0	1.276E+00	1.129E+00
750.0	1.274E+00	1.127E+00
751.0	1.268E+00	1.122E+00
752.0	1.272E+00	1.127E+00
753.0	1.265E+00	1.121E+00
754.0	1.281E+00	1.135E+00
755.0	1.277E+00	1.132E+00
756.0	1.261E+00	1.119E+00
757.0	1.260E+00	1.118E+00
758.0	1.268E+00	1.125E+00
759.0	1.250E+00	1.093E+00
760.0	1.259E+00	2.472E-01
761.0	1.249E+00	1.433E-01
762.0	1.246E+00	6.349E-01
763.0	1.254E+00	3.522E-01
764.0	1.257E+00	4.989E-01
765.0	1.245E+00	6.338E-01
766.0	1.200E+00	7.508E-01
767.0	1.212E+00	8.957E-01
768.0	1.231E+00	1.022E+00
769.0	1.214E+00	1.035E+00
770.0	1.215E+00	1.065E+00
771.0	1.207E+00	1.072E+00
772.0	1.212E+00	1.080E+00
773.0	1.210E+00	1.080E+00
774.0	1.209E+00	1.080E+00
775.0	1.208E+00	1.080E+00
776.0	1.210E+00	1.083E+00
777.0	1.203E+00	1.076E+00
778.0	1.201E+00	1.075E+00
779.0	1.207E+00	1.080E+00

780.0	1.193E+00	1.069E+00
781.0	1.190E+00	1.066E+00
782.0	1.195E+00	1.071E+00
783.0	1.190E+00	1.067E+00
784.0	1.181E+00	1.060E+00
785.0	1.187E+00	1.065E+00
786.0	1.189E+00	1.066E+00
787.0	1.188E+00	1.053E+00
788.0	1.180E+00	1.040E+00
789.0	1.181E+00	1.036E+00
790.0	1.170E+00	1.005E+00
791.0	1.163E+00	1.018E+00
792.0	1.150E+00	1.008E+00
793.0	1.145E+00	1.002E+00
794.0	1.126E+00	1.010E+00
795.0	1.128E+00	1.007E+00
796.0	1.143E+00	9.899E-01
797.0	1.158E+00	1.006E+00
798.0	1.150E+00	1.025E+00
799.0	1.135E+00	1.005E+00
800.0	1.125E+00	9.886E-01
801.0	1.143E+00	9.998E-01
802.0	1.142E+00	1.001E+00
803.0	1.124E+00	9.829E-01
804.0	1.134E+00	9.945E-01
805.0	1.100E+00	9.727E-01
806.0	1.131E+00	1.012E+00
807.0	1.123E+00	1.002E+00
808.0	1.116E+00	9.984E-01
809.0	1.098E+00	9.735E-01
810.0	1.110E+00	9.749E-01
811.0	1.114E+00	9.727E-01
812.0	1.116E+00	9.488E-01
813.0	1.118E+00	9.324E-01
814.0	1.117E+00	8.368E-01
815.0	1.109E+00	8.293E-01
816.0	1.105E+00	7.717E-01
817.0	1.108E+00	7.898E-01
818.0	1.086E+00	7.630E-01
819.0	1.074E+00	8.384E-01
820.0	1.074E+00	7.990E-01
821.0	1.076E+00	9.229E-01
822.0	1.056E+00	8.808E-01
823.0	1.076E+00	6.258E-01
824.0	1.072E+00	8.662E-01
825.0	1.070E+00	8.975E-01
826.0	1.076E+00	8.653E-01
827.0	1.076E+00	9.118E-01

828.0	1.075E+00	7.887E-01
829.0	1.062E+00	8.614E-01
830.0	1.056E+00	8.493E-01
831.0	1.056E+00	8.567E-01
832.0	1.055E+00	8.296E-01
833.0	1.033E+00	8.862E-01
834.0	1.046E+00	8.661E-01
835.0	1.048E+00	9.292E-01
836.0	1.060E+00	9.014E-01
837.0	1.051E+00	9.349E-01
838.0	1.055E+00	9.259E-01
839.0	1.040E+00	9.278E-01
840.0	1.050E+00	9.412E-01
841.0	1.052E+00	9.363E-01
842.0	1.029E+00	9.241E-01
843.0	1.027E+00	9.317E-01
844.0	1.014E+00	9.143E-01
845.0	1.036E+00	9.423E-01
846.0	1.037E+00	9.445E-01
847.0	1.006E+00	9.195E-01
848.0	1.011E+00	9.201E-01
849.0	1.005E+00	9.145E-01
850.0	9.100E-01	8.290E-01
851.0	9.980E-01	9.045E-01
852.0	9.900E-01	8.994E-01
853.0	9.810E-01	8.954E-01
854.0	8.690E-01	7.900E-01
855.0	9.270E-01	8.475E-01
856.0	9.902E-01	9.034E-01
857.0	1.006E+00	9.206E-01
858.0	1.007E+00	9.209E-01
859.0	1.005E+00	9.208E-01
860.0	1.000E+00	9.176E-01
861.0	9.990E-01	9.165E-01
862.0	1.006E+00	9.237E-01
863.0	1.012E+00	9.293E-01
864.0	9.901E-01	9.096E-01
865.0	9.735E-01	8.949E-01
866.0	8.580E-01	7.888E-01
867.0	9.250E-01	8.507E-01
868.0	9.690E-01	8.914E-01
869.0	9.590E-01	8.825E-01
870.0	9.770E-01	8.993E-01
871.0	9.632E-01	8.867E-01
872.0	9.760E-01	8.989E-01
873.0	9.661E-01	8.900E-01
874.0	9.491E-01	8.745E-01
875.0	9.356E-01	8.620E-01

876.0	9.620E-01	8.863E-01
877.0	9.650E-01	8.895E-01
878.0	9.620E-01	8.861E-01
879.0	9.457E-01	8.714E-01
880.0	9.486E-01	8.743E-01
881.0	9.196E-01	8.456E-01
882.0	9.441E-01	8.679E-01
883.0	9.393E-01	8.649E-01
884.0	9.435E-01	8.686E-01
885.0	9.547E-01	8.791E-01
886.0	9.256E-01	8.452E-01
887.0	9.230E-01	8.480E-01
888.0	9.407E-01	8.590E-01
889.0	9.437E-01	8.704E-01
890.0	9.424E-01	8.608E-01
891.0	9.393E-01	8.626E-01
892.0	9.326E-01	8.469E-01
893.0	9.180E-01	8.141E-01
894.0	9.240E-01	7.941E-01
895.0	9.260E-01	7.596E-01
896.0	9.343E-01	7.127E-01
897.0	9.269E-01	6.231E-01
898.0	9.238E-01	6.714E-01
899.0	9.140E-01	5.146E-01
900.0	9.138E-01	6.943E-01
901.0	8.983E-01	5.616E-01
902.0	8.772E-01	6.250E-01
903.0	9.223E-01	6.448E-01
904.0	9.210E-01	7.886E-01
905.0	9.180E-01	7.634E-01
906.0	9.078E-01	7.250E-01
907.0	9.145E-01	5.983E-01
908.0	9.014E-01	6.109E-01
909.0	8.855E-01	6.591E-01
910.0	8.950E-01	5.855E-01
911.0	8.973E-01	6.258E-01
912.0	8.902E-01	6.451E-01
913.0	9.002E-01	5.891E-01
914.0	8.982E-01	5.874E-01
915.0	8.883E-01	6.355E-01
916.0	8.947E-01	5.410E-01
917.0	8.886E-01	6.835E-01
918.0	8.881E-01	5.561E-01
919.0	8.921E-01	6.916E-01
920.0	8.854E-01	6.966E-01
921.0	8.703E-01	7.300E-01
922.0	8.628E-01	6.558E-01
923.0	8.334E-01	6.970E-01

924.0	8.696E-01	6.757E-01
925.0	8.764E-01	6.662E-01
926.0	8.456E-01	6.588E-01
927.0	8.781E-01	7.368E-01
928.0	8.711E-01	5.536E-01
929.0	8.695E-01	5.179E-01
930.0	8.687E-01	4.068E-01
931.0	8.708E-01	3.854E-01
932.0	8.651E-01	2.839E-01
933.0	8.696E-01	2.346E-01
934.0	8.671E-01	1.360E-01
935.0	8.560E-01	2.369E-01
936.0	8.522E-01	1.527E-01
937.0	8.537E-01	1.545E-01
938.0	8.594E-01	1.896E-01
939.0	8.568E-01	3.759E-01
940.0	8.400E-01	4.441E-01
941.0	8.315E-01	3.507E-01
942.0	8.062E-01	3.819E-01
943.0	8.381E-01	2.629E-01
944.0	8.185E-01	2.699E-01
945.0	8.244E-01	3.473E-01
946.0	8.314E-01	1.841E-01
947.0	8.281E-01	3.501E-01
948.0	8.314E-01	2.591E-01
949.0	8.330E-01	4.651E-01
950.0	8.287E-01	1.394E-01
951.0	8.202E-01	4.556E-01
952.0	8.240E-01	2.542E-01
953.0	8.205E-01	3.244E-01
954.0	8.120E-01	3.999E-01
955.0	7.690E-01	3.220E-01
956.0	8.020E-01	3.100E-01
957.0	8.058E-01	2.559E-01
958.0	8.115E-01	4.345E-01
959.0	8.148E-01	3.529E-01
960.0	8.063E-01	3.969E-01
961.0	7.998E-01	4.348E-01
962.0	8.017E-01	4.166E-01
963.0	7.976E-01	4.759E-01
964.0	7.881E-01	4.324E-01
965.0	7.958E-01	4.747E-01
966.0	7.860E-01	4.738E-01
967.0	7.950E-01	4.735E-01
968.0	7.853E-01	6.130E-01
969.0	7.879E-01	6.448E-01
970.0	7.914E-01	5.969E-01
971.0	7.819E-01	6.706E-01

972.0	7.879E-01	6.463E-01
973.0	7.815E-01	5.708E-01
974.0	7.688E-01	5.417E-01
975.0	7.735E-01	5.554E-01
976.0	7.805E-01	5.387E-01
977.0	7.721E-01	6.008E-01
978.0	7.780E-01	5.790E-01
979.0	7.665E-01	6.005E-01
980.0	7.751E-01	5.694E-01
981.0	7.730E-01	6.706E-01
982.0	7.788E-01	6.510E-01
983.0	7.754E-01	6.292E-01
984.0	7.688E-01	6.929E-01
985.0	7.708E-01	6.473E-01
986.0	7.662E-01	7.055E-01
987.0	7.661E-01	6.949E-01
988.0	7.637E-01	6.906E-01
989.0	7.550E-01	7.039E-01
990.0	7.569E-01	6.884E-01
991.0	7.616E-01	7.083E-01
992.0	7.571E-01	7.060E-01
993.0	7.564E-01	6.933E-01
994.0	7.585E-01	7.089E-01
995.0	7.539E-01	7.067E-01
996.0	7.535E-01	7.041E-01
997.0	7.430E-01	6.956E-01
998.0	7.430E-01	6.948E-01
999.0	7.420E-01	6.946E-01
1000.0	7.426E-01	6.916E-01
1001.0	7.474E-01	7.001E-01
1002.0	7.468E-01	6.850E-01
1003.0	7.384E-01	6.909E-01
1004.0	7.313E-01	6.806E-01
1005.0	6.837E-01	6.414E-01
1006.0	7.177E-01	6.705E-01
1007.0	7.309E-01	6.846E-01
1008.0	7.334E-01	6.841E-01
1009.0	7.293E-01	6.774E-01
1010.0	7.306E-01	6.770E-01
1011.0	7.256E-01	6.803E-01
1012.0	7.250E-01	6.767E-01
1013.0	7.196E-01	6.756E-01
1014.0	7.227E-01	6.785E-01
1015.0	7.106E-01	6.668E-01
1016.0	7.142E-01	6.698E-01
1017.0	7.066E-01	6.624E-01
1018.0	7.157E-01	6.726E-01
1019.0	6.961E-01	6.488E-01

1020.0	7.013E-01	6.584E-01
1021.0	7.030E-01	6.611E-01
1022.0	6.930E-01	6.498E-01
1023.0	6.990E-01	6.549E-01
1024.0	7.006E-01	6.508E-01
1025.0	6.992E-01	6.573E-01
1026.0	6.994E-01	6.563E-01
1027.0	6.959E-01	6.532E-01
1028.0	6.972E-01	6.540E-01
1029.0	6.900E-01	6.469E-01
1030.0	6.921E-01	6.509E-01
1031.0	6.899E-01	6.480E-01
1032.0	6.896E-01	6.485E-01
1033.0	6.780E-01	6.375E-01
1034.0	6.818E-01	6.414E-01
1035.0	6.840E-01	6.435E-01
1036.0	6.843E-01	6.432E-01
1037.0	6.773E-01	6.366E-01
1038.0	6.740E-01	6.336E-01
1039.0	6.790E-01	6.380E-01
1040.0	6.744E-01	6.337E-01
1041.0	6.749E-01	6.338E-01
1042.0	6.752E-01	6.341E-01
1043.0	6.686E-01	6.277E-01
1044.0	6.720E-01	6.307E-01
1045.0	6.685E-01	6.271E-01
1046.0	6.513E-01	6.108E-01
1047.0	6.616E-01	6.201E-01
1048.0	6.678E-01	6.256E-01
1049.0	6.649E-01	6.221E-01
1050.0	6.612E-01	6.180E-01
1051.0	6.618E-01	6.186E-01
1052.0	6.585E-01	6.149E-01
1053.0	6.570E-01	6.130E-01
1054.0	6.547E-01	6.105E-01
1055.0	6.575E-01	6.124E-01
1056.0	6.563E-01	6.106E-01
1057.0	6.554E-01	6.091E-01
1058.0	6.494E-01	6.029E-01
1059.0	6.305E-01	5.845E-01
1060.0	6.483E-01	6.007E-01
1061.0	6.339E-01	5.869E-01
1062.0	6.465E-01	5.978E-01
1063.0	6.367E-01	5.882E-01
1064.0	6.462E-01	5.972E-01
1065.0	6.453E-01	5.946E-01
1066.0	6.314E-01	5.833E-01
1067.0	6.352E-01	5.864E-01

1068.0	6.359E-01	5.856E-01
1069.0	6.008E-01	5.543E-01
1070.0	6.217E-01	5.718E-01
1071.0	6.282E-01	5.830E-01
1072.0	6.313E-01	5.819E-01
1073.0	6.180E-01	5.709E-01
1074.0	6.306E-01	5.878E-01
1075.0	6.177E-01	5.605E-01
1076.0	6.247E-01	5.814E-01
1077.0	6.243E-01	5.718E-01
1078.0	6.253E-01	5.708E-01
1079.0	6.120E-01	5.721E-01
1080.0	6.225E-01	5.652E-01
1081.0	6.073E-01	5.497E-01
1082.0	6.025E-01	5.577E-01
1083.0	6.090E-01	5.660E-01
1084.0	6.139E-01	5.478E-01
1085.0	6.118E-01	5.616E-01
1086.0	6.157E-01	5.250E-01
1087.0	5.915E-01	5.369E-01
1088.0	6.073E-01	5.616E-01
1089.0	6.091E-01	5.486E-01
1090.0	6.044E-01	5.266E-01
1091.0	6.080E-01	5.572E-01
1092.0	5.969E-01	5.505E-01
1093.0	5.922E-01	4.842E-01
1094.0	5.607E-01	5.112E-01
1095.0	5.825E-01	4.936E-01
1096.0	5.860E-01	4.773E-01
1097.0	5.910E-01	5.481E-01
1098.0	5.870E-01	4.771E-01
1099.0	5.822E-01	4.816E-01
1100.0	6.000E-01	4.611E-01
1101.0	5.990E-01	4.717E-01
1102.0	5.820E-01	4.451E-01
1103.0	5.950E-01	4.429E-01
1104.0	5.930E-01	4.441E-01
1105.0	5.910E-01	4.807E-01
1106.0	5.900E-01	3.784E-01
1107.0	5.860E-01	4.587E-01
1108.0	5.865E-01	3.952E-01
1109.0	5.855E-01	3.925E-01
1110.0	5.870E-01	4.550E-01
1111.0	5.825E-01	3.157E-01
1112.0	5.834E-01	3.933E-01
1113.0	5.780E-01	2.560E-01
1114.0	5.840E-01	2.858E-01
1115.0	5.820E-01	2.383E-01

1116.0	5.750E-01	1.922E-01
1117.0	5.830E-01	7.616E-02
1118.0	5.722E-01	2.076E-01
1119.0	5.715E-01	1.082E-01
1120.0	5.685E-01	1.356E-01
1121.0	5.720E-01	1.775E-01
1122.0	5.750E-01	7.816E-02
1123.0	5.740E-01	1.226E-01
1124.0	5.725E-01	1.040E-01
1125.0	5.701E-01	1.379E-01
1126.0	5.530E-01	4.939E-02
1127.0	5.618E-01	1.503E-01
1128.0	5.683E-01	9.495E-02
1129.0	5.684E-01	1.013E-01
1130.0	5.640E-01	6.757E-02
1131.0	5.680E-01	2.820E-01
1132.0	5.700E-01	2.236E-01
1133.0	5.619E-01	1.466E-01
1134.0	5.635E-01	3.999E-02
1135.0	5.625E-01	1.482E-02
1136.0	5.648E-01	1.232E-01
1137.0	5.520E-01	2.747E-01
1138.0	5.440E-01	1.943E-01
1139.0	5.530E-01	2.848E-01
1140.0	5.557E-01	2.445E-01
1141.0	5.430E-01	1.849E-01
1142.0	5.553E-01	2.148E-01
1143.0	5.496E-01	2.976E-01
1144.0	5.450E-01	1.084E-01
1145.0	5.500E-01	1.398E-01
1146.0	5.541E-01	1.509E-01
1147.0	5.541E-01	5.672E-02
1148.0	5.503E-01	2.590E-01
1149.0	5.479E-01	2.089E-01
1150.0	5.462E-01	1.165E-01
1151.0	5.453E-01	1.945E-01
1152.0	5.417E-01	2.367E-01
1153.0	5.431E-01	2.276E-01
1154.0	5.465E-01	1.364E-01
1155.0	5.473E-01	2.990E-01
1156.0	5.402E-01	2.684E-01
1157.0	5.437E-01	3.004E-01
1158.0	5.433E-01	2.977E-01
1159.0	5.355E-01	3.216E-01
1160.0	5.293E-01	2.737E-01
1161.0	5.190E-01	3.317E-01
1162.0	5.334E-01	3.341E-01
1163.0	5.371E-01	4.464E-01

1164.0	5.268E-01	3.833E-01
1165.0	5.348E-01	3.708E-01
1166.0	5.223E-01	3.578E-01
1167.0	5.298E-01	3.911E-01
1168.0	5.342E-01	4.002E-01
1169.0	5.164E-01	4.035E-01
1170.0	5.288E-01	4.373E-01
1171.0	5.307E-01	4.275E-01
1172.0	5.306E-01	4.337E-01
1173.0	5.269E-01	4.352E-01
1174.0	5.276E-01	3.219E-01
1175.0	5.185E-01	4.314E-01
1176.0	5.104E-01	4.545E-01
1177.0	5.230E-01	4.504E-01
1178.0	5.170E-01	3.439E-01
1179.0	5.150E-01	4.611E-01
1180.0	5.220E-01	4.205E-01
1181.0	5.184E-01	4.342E-01
1182.0	5.174E-01	3.090E-01
1183.0	4.882E-01	4.185E-01
1184.0	5.110E-01	4.008E-01
1185.0	5.161E-01	3.891E-01
1186.0	5.152E-01	4.552E-01
1187.0	5.146E-01	4.349E-01
1188.0	5.101E-01	3.204E-01
1189.0	4.840E-01	3.969E-01
1190.0	5.058E-01	4.412E-01
1191.0	5.135E-01	4.264E-01
1192.0	5.118E-01	4.517E-01
1193.0	5.106E-01	4.337E-01
1194.0	5.113E-01	4.475E-01
1195.0	5.059E-01	4.267E-01
1196.0	5.056E-01	4.119E-01
1197.0	5.029E-01	4.553E-01
1198.0	4.922E-01	4.143E-01
1199.0	4.743E-01	3.487E-01
1200.0	5.001E-01	4.279E-01
1201.0	5.058E-01	4.174E-01
1202.0	5.071E-01	4.174E-01
1203.0	4.884E-01	4.144E-01
1204.0	4.870E-01	3.465E-01
1205.0	5.020E-01	4.171E-01
1206.0	4.987E-01	4.587E-01
1207.0	5.014E-01	4.104E-01
1208.0	4.896E-01	4.138E-01
1209.0	4.664E-01	3.955E-01
1210.0	4.923E-01	4.327E-01
1211.0	4.791E-01	4.032E-01

1212.0	4.906E-01	4.057E-01
1213.0	4.919E-01	4.480E-01
1214.0	4.893E-01	4.144E-01
1215.0	4.904E-01	4.085E-01
1216.0	4.888E-01	4.451E-01
1217.0	4.876E-01	4.346E-01
1218.0	4.860E-01	4.384E-01
1219.0	4.823E-01	4.264E-01
1220.0	4.843E-01	4.372E-01
1221.0	4.834E-01	4.441E-01
1222.0	4.813E-01	4.310E-01
1223.0	4.760E-01	4.240E-01
1224.0	4.822E-01	4.279E-01
1225.0	4.793E-01	4.414E-01
1226.0	4.803E-01	4.470E-01
1227.0	4.684E-01	4.136E-01
1228.0	4.744E-01	4.454E-01
1229.0	4.773E-01	4.461E-01
1230.0	4.750E-01	4.393E-01
1231.0	4.743E-01	4.507E-01
1232.0	4.690E-01	4.453E-01
1233.0	4.712E-01	4.336E-01
1234.0	4.695E-01	4.489E-01
1235.0	4.664E-01	4.441E-01
1236.0	4.686E-01	4.480E-01
1237.0	4.679E-01	4.426E-01
1238.0	4.675E-01	4.469E-01
1239.0	4.624E-01	4.419E-01
1240.0	4.597E-01	4.401E-01
1241.0	4.644E-01	4.413E-01
1242.0	4.617E-01	4.418E-01
1243.0	4.566E-01	4.371E-01
1244.0	4.554E-01	4.350E-01
1245.0	4.560E-01	4.362E-01
1246.0	4.588E-01	4.390E-01
1247.0	4.578E-01	4.372E-01
1248.0	4.608E-01	4.383E-01
1249.0	4.601E-01	4.393E-01
1250.0	4.586E-01	4.368E-01
1251.0	4.564E-01	4.326E-01
1252.0	4.520E-01	4.311E-01
1253.0	4.537E-01	4.280E-01
1254.0	4.536E-01	4.242E-01
1255.0	4.530E-01	4.309E-01
1256.0	4.519E-01	4.210E-01
1257.0	4.488E-01	4.163E-01
1258.0	4.512E-01	4.255E-01
1259.0	4.480E-01	4.087E-01

1260.0	4.502E-01	4.124E-01
1261.0	4.493E-01	3.937E-01
1262.0	4.425E-01	3.787E-01
1263.0	4.483E-01	3.830E-01
1264.0	4.420E-01	3.557E-01
1265.0	4.427E-01	3.787E-01
1266.0	4.462E-01	3.688E-01
1267.0	4.391E-01	3.716E-01
1268.0	4.359E-01	3.548E-01
1269.0	4.404E-01	2.366E-01
1270.0	4.421E-01	3.709E-01
1271.0	4.429E-01	3.906E-01
1272.0	4.413E-01	3.911E-01
1273.0	4.408E-01	3.887E-01
1274.0	4.381E-01	3.886E-01
1275.0	4.407E-01	3.946E-01
1276.0	4.419E-01	3.990E-01
1277.0	4.419E-01	4.019E-01
1278.0	4.407E-01	4.092E-01
1279.0	4.380E-01	4.063E-01
1280.0	4.354E-01	4.039E-01
1281.0	4.227E-01	3.955E-01
1282.0	3.759E-01	3.570E-01
1283.0	4.116E-01	3.898E-01
1284.0	4.267E-01	4.027E-01
1285.0	4.291E-01	4.058E-01
1286.0	4.288E-01	4.088E-01
1287.0	4.304E-01	4.041E-01
1288.0	4.268E-01	4.019E-01
1289.0	4.276E-01	3.919E-01
1290.0	4.185E-01	3.952E-01
1291.0	4.216E-01	4.000E-01
1292.0	4.228E-01	3.795E-01
1293.0	4.226E-01	3.951E-01
1294.0	4.162E-01	3.871E-01
1295.0	4.194E-01	3.880E-01
1296.0	4.198E-01	3.732E-01
1297.0	4.172E-01	3.558E-01
1298.0	4.126E-01	3.754E-01
1299.0	4.170E-01	3.913E-01
1300.0	4.154E-01	3.386E-01
1301.0	4.140E-01	3.473E-01
1302.0	4.096E-01	3.754E-01
1303.0	4.077E-01	3.320E-01
1304.0	4.063E-01	2.885E-01
1305.0	4.103E-01	3.678E-01
1306.0	4.104E-01	3.685E-01
1307.0	4.096E-01	2.936E-01

1308.0	4.087E-01	3.328E-01
1309.0	4.091E-01	3.682E-01
1310.0	4.071E-01	2.891E-01
1311.0	4.061E-01	3.201E-01
1312.0	4.032E-01	3.199E-01
1313.0	3.908E-01	3.009E-01
1314.0	4.027E-01	2.769E-01
1315.0	3.916E-01	2.745E-01
1316.0	3.942E-01	3.111E-01
1317.0	4.012E-01	2.997E-01
1318.0	3.955E-01	3.198E-01
1319.0	4.009E-01	2.580E-01
1320.0	3.988E-01	2.486E-01
1321.0	3.955E-01	2.868E-01
1322.0	3.954E-01	2.902E-01
1323.0	3.950E-01	2.239E-01
1324.0	3.952E-01	2.523E-01
1325.0	3.937E-01	3.094E-01
1326.0	3.923E-01	2.696E-01
1327.0	3.888E-01	2.559E-01
1328.0	3.906E-01	2.256E-01
1329.0	3.795E-01	1.710E-01
1330.0	3.855E-01	2.205E-01
1331.0	3.877E-01	1.395E-01
1332.0	3.785E-01	1.405E-01
1333.0	3.870E-01	1.955E-01
1334.0	3.868E-01	1.630E-01
1335.0	3.856E-01	2.224E-01
1336.0	3.823E-01	1.767E-01
1337.0	3.829E-01	1.585E-01
1338.0	3.809E-01	1.715E-01
1339.0	3.757E-01	1.703E-01
1340.0	3.744E-01	1.622E-01
1341.0	3.817E-01	1.642E-01
1342.0	3.802E-01	1.715E-01
1343.0	3.798E-01	1.226E-01
1344.0	3.799E-01	7.302E-02
1345.0	3.795E-01	1.052E-01
1346.0	3.755E-01	5.619E-02
1347.0	3.776E-01	5.806E-02
1348.0	3.766E-01	4.586E-03
1349.0	3.755E-01	1.562E-02
1350.0	3.708E-01	1.549E-02
1351.0	3.717E-01	4.476E-03
1352.0	3.753E-01	1.466E-03
1353.0	3.740E-01	9.292E-05
1354.0	3.729E-01	2.805E-04
1355.0	3.683E-01	3.485E-06

1356.0	3.688E-01	4.649E-05
1357.0	3.644E-01	6.943E-05
1358.0	3.700E-01	4.058E-06
1359.0	3.690E-01	7.104E-07
1360.0	3.646E-01	2.071E-06
1361.0	3.703E-01	4.657E-09
1362.0	3.694E-01	1.749E-11
1363.0	3.619E-01	3.054E-06
1364.0	3.668E-01	1.315E-06
1365.0	3.663E-01	8.783E-12
1366.0	3.659E-01	1.238E-05
1367.0	3.624E-01	4.816E-06
1368.0	3.656E-01	1.431E-13
1369.0	3.589E-01	5.001E-07
1370.0	3.591E-01	2.827E-07
1371.0	3.595E-01	1.910E-08
1372.0	3.631E-01	2.662E-06
1373.0	3.629E-01	4.299E-05
1374.0	3.629E-01	1.735E-04
1375.0	3.575E-01	3.131E-04
1376.0	3.535E-01	2.494E-04
1377.0	3.579E-01	1.188E-04
1378.0	3.565E-01	1.074E-03
1379.0	3.604E-01	5.053E-05
1380.0	3.568E-01	7.904E-05
1381.0	3.578E-01	2.298E-06
1382.0	3.527E-01	2.487E-06
1383.0	3.538E-01	4.265E-08
1384.0	3.559E-01	5.978E-07
1385.0	3.524E-01	2.026E-06
1386.0	3.549E-01	2.444E-06
1387.0	3.514E-01	1.929E-04
1388.0	3.528E-01	3.904E-06
1389.0	3.541E-01	5.634E-04
1390.0	3.474E-01	4.784E-04
1391.0	3.524E-01	3.335E-04
1392.0	3.518E-01	2.307E-05
1393.0	3.501E-01	1.124E-04
1394.0	3.476E-01	7.327E-05
1395.0	3.475E-01	6.514E-07
1396.0	3.494E-01	6.134E-09
1397.0	3.493E-01	4.761E-05
1398.0	3.495E-01	1.233E-03
1399.0	3.489E-01	7.884E-04
1400.0	3.390E-01	3.151E-09
1401.0	3.393E-01	1.022E-08
1402.0	3.441E-01	1.782E-03
1403.0	3.401E-01	2.311E-03

1404.0	3.411E-01	7.176E-04
1405.0	3.401E-01	3.540E-07
1406.0	3.416E-01	1.986E-03
1407.0	3.409E-01	1.696E-04
1408.0	3.401E-01	1.602E-03
1409.0	3.412E-01	6.016E-04
1410.0	3.405E-01	4.533E-04
1411.0	3.377E-01	2.054E-03
1412.0	3.292E-01	2.565E-03
1413.0	3.329E-01	2.269E-02
1414.0	3.370E-01	3.536E-04
1415.0	3.371E-01	1.785E-04
1416.0	3.350E-01	3.456E-02
1417.0	3.375E-01	1.143E-02
1418.0	3.377E-01	1.318E-02
1419.0	3.339E-01	2.085E-03
1420.0	3.327E-01	8.044E-03
1421.0	3.359E-01	8.912E-03
1422.0	3.288E-01	4.502E-02
1423.0	3.288E-01	8.968E-03
1424.0	3.277E-01	1.651E-02
1425.0	3.326E-01	2.514E-02
1426.0	3.231E-01	2.703E-02
1427.0	3.275E-01	4.818E-02
1428.0	3.304E-01	4.436E-03
1429.0	3.235E-01	3.699E-02
1430.0	3.228E-01	5.991E-02
1431.0	3.242E-01	4.879E-02
1432.0	3.311E-01	2.452E-03
1433.0	3.307E-01	3.487E-02
1434.0	3.251E-01	2.040E-02
1435.0	3.273E-01	2.085E-02
1436.0	3.266E-01	3.733E-02
1437.0	3.279E-01	2.909E-02
1438.0	3.260E-01	1.291E-02
1439.0	3.286E-01	4.967E-02
1440.0	3.127E-01	3.855E-02
1441.0	3.170E-01	3.096E-02
1442.0	3.158E-01	3.536E-02
1443.0	3.178E-01	4.387E-02
1444.0	3.191E-01	6.014E-02
1445.0	3.193E-01	4.843E-02
1446.0	3.214E-01	2.249E-02
1447.0	3.176E-01	3.527E-02
1448.0	3.210E-01	1.125E-01
1449.0	3.203E-01	9.937E-02
1450.0	3.177E-01	2.670E-02
1451.0	3.137E-01	1.098E-02

1452.0	3.136E-01	6.072E-02
1453.0	3.154E-01	7.980E-02
1454.0	3.128E-01	1.338E-01
1455.0	3.121E-01	6.441E-02
1456.0	3.096E-01	8.616E-02
1457.0	3.124E-01	1.139E-01
1458.0	3.161E-01	1.327E-01
1459.0	3.175E-01	1.586E-01
1460.0	3.137E-01	8.316E-02
1461.0	3.131E-01	8.789E-02
1462.0	3.102E-01	1.271E-01
1463.0	3.082E-01	4.211E-02
1464.0	3.082E-01	1.477E-01
1465.0	3.116E-01	9.091E-02
1466.0	3.070E-01	6.350E-02
1467.0	3.132E-01	3.513E-02
1468.0	3.075E-01	7.493E-02
1469.0	3.120E-01	9.234E-02
1470.0	3.101E-01	4.840E-02
1471.0	3.041E-01	1.739E-02
1472.0	3.058E-01	4.557E-02
1473.0	3.055E-01	6.837E-02
1474.0	2.971E-01	9.477E-02
1475.0	3.035E-01	1.795E-01
1476.0	3.037E-01	6.699E-02
1477.0	3.025E-01	6.792E-02
1478.0	3.023E-01	6.183E-02
1479.0	3.046E-01	1.168E-01
1480.0	3.063E-01	5.906E-02
1481.0	3.018E-01	1.122E-01
1482.0	3.046E-01	5.697E-02
1483.0	2.981E-01	1.445E-01
1484.0	3.017E-01	1.338E-01
1485.0	3.061E-01	1.217E-01
1486.0	3.017E-01	1.201E-01
1487.0	2.999E-01	5.904E-02
1488.0	2.653E-01	9.165E-02
1489.0	2.991E-01	1.844E-01
1490.0	3.009E-01	1.699E-01
1491.0	3.018E-01	1.922E-01
1492.0	2.977E-01	1.599E-01
1493.0	3.020E-01	1.765E-01
1494.0	3.019E-01	1.979E-01
1495.0	3.007E-01	1.775E-01
1496.0	2.914E-01	1.639E-01
1497.0	2.968E-01	2.220E-01
1498.0	2.995E-01	1.844E-01
1499.0	2.953E-01	2.114E-01

1500.0	3.008E-01	2.434E-01
1501.0	2.999E-01	2.578E-01
1502.0	2.974E-01	2.269E-01
1503.0	2.692E-01	1.797E-01
1504.0	2.832E-01	1.559E-01
1505.0	2.715E-01	1.789E-01
1506.0	2.837E-01	2.503E-01
1507.0	2.938E-01	2.478E-01
1508.0	2.903E-01	2.361E-01
1509.0	2.881E-01	1.817E-01
1510.0	2.939E-01	2.627E-01
1511.0	2.945E-01	2.571E-01
1512.0	2.885E-01	2.532E-01
1513.0	2.873E-01	2.354E-01
1514.0	2.850E-01	2.193E-01
1515.0	2.881E-01	2.580E-01
1516.0	2.872E-01	2.494E-01
1517.0	2.853E-01	2.421E-01
1518.0	2.897E-01	2.449E-01
1519.0	2.850E-01	2.374E-01
1520.0	2.879E-01	2.569E-01
1521.0	2.808E-01	2.671E-01
1522.0	2.803E-01	2.562E-01
1523.0	2.845E-01	2.719E-01
1524.0	2.846E-01	2.674E-01
1525.0	2.785E-01	2.514E-01
1526.0	2.860E-01	2.598E-01
1527.0	2.830E-01	2.547E-01
1528.0	2.849E-01	2.712E-01
1529.0	2.829E-01	2.646E-01
1530.0	2.673E-01	2.479E-01
1531.0	2.827E-01	2.620E-01
1532.0	2.826E-01	2.704E-01
1533.0	2.804E-01	2.692E-01
1534.0	2.754E-01	2.612E-01
1535.0	2.775E-01	2.592E-01
1536.0	2.806E-01	2.668E-01
1537.0	2.810E-01	2.656E-01
1538.0	2.734E-01	2.643E-01
1539.0	2.781E-01	2.652E-01
1540.0	2.686E-01	2.574E-01
1541.0	2.730E-01	2.614E-01
1542.0	2.754E-01	2.617E-01
1543.0	2.750E-01	2.644E-01
1544.0	2.772E-01	2.644E-01
1545.0	2.777E-01	2.692E-01
1546.0	2.772E-01	2.671E-01
1547.0	2.735E-01	2.654E-01

1548.0	2.670E-01	2.592E-01
1549.0	2.727E-01	2.657E-01
1550.0	2.696E-01	2.623E-01
1551.0	2.708E-01	2.629E-01
1552.0	2.740E-01	2.642E-01
1553.0	2.709E-01	2.637E-01
1554.0	2.650E-01	2.573E-01
1555.0	2.671E-01	2.601E-01
1556.0	2.629E-01	2.557E-01
1557.0	2.701E-01	2.630E-01
1558.0	2.681E-01	2.609E-01
1559.0	2.678E-01	2.605E-01
1560.0	2.655E-01	2.582E-01
1561.0	2.697E-01	2.624E-01
1562.0	2.683E-01	2.600E-01
1563.0	2.669E-01	2.592E-01
1564.0	2.631E-01	2.553E-01
1565.0	2.668E-01	2.598E-01
1566.0	2.626E-01	2.551E-01
1567.0	2.635E-01	2.557E-01
1568.0	2.604E-01	2.500E-01
1569.0	2.628E-01	2.474E-01
1570.0	2.607E-01	2.350E-01
1571.0	2.667E-01	2.285E-01
1572.0	2.669E-01	2.311E-01
1573.0	2.634E-01	2.275E-01
1574.0	2.622E-01	2.346E-01
1575.0	2.474E-01	2.329E-01
1576.0	2.603E-01	2.398E-01
1577.0	2.369E-01	2.099E-01
1578.0	2.572E-01	2.285E-01
1579.0	2.617E-01	2.301E-01
1580.0	2.638E-01	2.377E-01
1581.0	2.648E-01	2.417E-01
1582.0	2.541E-01	2.351E-01
1583.0	2.577E-01	2.405E-01
1584.0	2.545E-01	2.419E-01
1585.0	2.620E-01	2.514E-01
1586.0	2.582E-01	2.484E-01
1587.0	2.549E-01	2.458E-01
1588.0	2.505E-01	2.439E-01
1589.0	2.315E-01	2.257E-01
1590.0	2.415E-01	2.349E-01
1591.0	2.413E-01	2.350E-01
1592.0	2.529E-01	2.450E-01
1593.0	2.575E-01	2.509E-01
1594.0	2.564E-01	2.489E-01
1595.0	2.577E-01	2.508E-01

1596.0	2.445E-01	2.375E-01
1597.0	2.485E-01	2.399E-01
1598.0	2.563E-01	2.469E-01
1599.0	2.498E-01	2.351E-01
1600.0	2.526E-01	2.313E-01
1601.0	2.449E-01	2.169E-01
1602.0	2.486E-01	2.178E-01
1603.0	2.490E-01	2.177E-01
1604.0	2.500E-01	2.220E-01
1605.0	2.470E-01	2.301E-01
1606.0	2.475E-01	2.345E-01
1607.0	2.454E-01	2.264E-01
1608.0	2.500E-01	2.234E-01
1609.0	2.486E-01	2.209E-01
1610.0	2.331E-01	2.115E-01
1611.0	2.408E-01	2.204E-01
1612.0	2.413E-01	2.242E-01
1613.0	2.458E-01	2.305E-01
1614.0	2.435E-01	2.316E-01
1615.0	2.443E-01	2.342E-01
1616.0	2.325E-01	2.240E-01
1617.0	2.364E-01	2.280E-01
1618.0	2.442E-01	2.366E-01
1619.0	2.422E-01	2.342E-01
1620.0	2.341E-01	2.278E-01
1621.0	2.339E-01	2.277E-01
1622.0	2.370E-01	2.308E-01
1623.0	2.417E-01	2.356E-01
1624.0	2.424E-01	2.358E-01
1625.0	2.375E-01	2.311E-01
1626.0	2.396E-01	2.329E-01
1627.0	2.404E-01	2.340E-01
1628.0	2.415E-01	2.345E-01
1629.0	2.411E-01	2.346E-01
1630.0	2.366E-01	2.298E-01
1631.0	2.393E-01	2.314E-01
1632.0	2.388E-01	2.315E-01
1633.0	2.359E-01	2.261E-01
1634.0	2.328E-01	2.263E-01
1635.0	2.374E-01	2.271E-01
1636.0	2.368E-01	2.288E-01
1637.0	2.275E-01	2.206E-01
1638.0	2.271E-01	2.139E-01
1639.0	2.221E-01	2.141E-01
1640.0	2.257E-01	2.091E-01
1641.0	2.239E-01	2.135E-01
1642.0	2.240E-01	2.147E-01
1643.0	2.288E-01	2.094E-01

1644.0	2.257E-01	2.173E-01
1645.0	2.251E-01	2.122E-01
1646.0	2.290E-01	2.115E-01
1647.0	2.291E-01	2.214E-01
1648.0	2.290E-01	2.106E-01
1649.0	2.235E-01	2.126E-01
1650.0	2.284E-01	2.190E-01
1651.0	2.237E-01	2.028E-01
1652.0	2.280E-01	2.175E-01
1653.0	2.253E-01	2.166E-01
1654.0	2.265E-01	2.099E-01
1655.0	2.239E-01	2.162E-01
1656.0	2.261E-01	2.149E-01
1657.0	2.256E-01	2.161E-01
1658.0	2.253E-01	2.187E-01
1659.0	2.222E-01	2.151E-01
1660.0	2.241E-01	2.172E-01
1661.0	2.254E-01	2.177E-01
1662.0	2.242E-01	2.131E-01
1663.0	2.227E-01	2.163E-01
1664.0	2.225E-01	2.150E-01
1665.0	2.214E-01	2.061E-01
1666.0	2.185E-01	1.741E-01
1667.0	2.202E-01	2.050E-01
1668.0	2.162E-01	2.088E-01
1669.0	2.181E-01	2.094E-01
1670.0	2.221E-01	2.157E-01
1671.0	2.210E-01	2.129E-01
1672.0	2.121E-01	2.058E-01
1673.0	2.161E-01	2.105E-01
1674.0	2.191E-01	2.100E-01
1675.0	2.162E-01	2.079E-01
1676.0	2.132E-01	2.058E-01
1677.0	2.155E-01	2.067E-01
1678.0	2.159E-01	2.037E-01
1679.0	2.130E-01	2.074E-01
1680.0	2.064E-01	2.002E-01
1681.0	1.985E-01	1.894E-01
1682.0	2.034E-01	1.983E-01
1683.0	2.089E-01	2.036E-01
1684.0	2.120E-01	1.928E-01
1685.0	2.131E-01	2.076E-01
1686.0	2.103E-01	2.048E-01
1687.0	2.112E-01	1.995E-01
1688.0	2.108E-01	2.047E-01
1689.0	2.081E-01	2.018E-01
1690.0	2.085E-01	1.999E-01
1691.0	2.120E-01	1.881E-01

1692.0	2.121E-01	2.017E-01
1693.0	2.112E-01	2.059E-01
1694.0	2.107E-01	1.995E-01
1695.0	2.106E-01	2.043E-01
1696.0	2.096E-01	2.038E-01
1697.0	2.085E-01	1.765E-01
1698.0	2.088E-01	2.021E-01
1699.0	2.080E-01	2.002E-01
1700.0	2.054E-01	1.946E-01
1702.0	2.052E-01	1.987E-01
1705.0	2.043E-01	1.928E-01
1710.0	1.989E-01	1.832E-01
1715.0	2.019E-01	1.849E-01
1720.0	1.980E-01	1.823E-01
1725.0	1.969E-01	1.737E-01
1730.0	1.931E-01	1.698E-01
1735.0	1.820E-01	1.576E-01
1740.0	1.900E-01	1.641E-01
1745.0	1.862E-01	1.511E-01
1750.0	1.852E-01	1.616E-01
1755.0	1.851E-01	1.493E-01
1760.0	1.824E-01	1.561E-01
1765.0	1.814E-01	1.297E-01
1770.0	1.797E-01	1.383E-01
1775.0	1.760E-01	1.121E-01
1780.0	1.755E-01	9.814E-02
1785.0	1.741E-01	7.520E-02
1790.0	1.737E-01	8.683E-02
1795.0	1.710E-01	4.586E-02
1800.0	1.680E-01	3.111E-02
1805.0	1.688E-01	1.449E-02
1810.0	1.686E-01	9.476E-03
1815.0	1.550E-01	3.209E-03
1820.0	1.600E-01	9.658E-04
1825.0	1.626E-01	1.246E-03
1830.0	1.592E-01	5.090E-06
1835.0	1.576E-01	6.278E-06
1840.0	1.555E-01	6.134E-08
1845.0	1.529E-01	6.130E-06
1850.0	1.534E-01	2.935E-06
1855.0	1.513E-01	2.780E-07
1860.0	1.493E-01	1.092E-05
1865.0	1.471E-01	1.664E-05
1870.0	1.457E-01	2.615E-10
1875.0	1.323E-01	4.430E-10
1880.0	1.467E-01	7.612E-05
1885.0	1.457E-01	4.313E-05
1890.0	1.404E-01	2.196E-04

1895.0	1.384E-01	1.274E-04
1900.0	1.404E-01	8.492E-07
1905.0	1.390E-01	5.580E-07
1910.0	1.365E-01	2.273E-05
1915.0	1.361E-01	1.967E-05
1920.0	1.346E-01	4.445E-04
1925.0	1.345E-01	9.233E-04
1930.0	1.315E-01	5.447E-04
1935.0	1.324E-01	3.543E-03
1940.0	1.295E-01	3.236E-03
1945.0	1.195E-01	1.071E-02
1950.0	1.263E-01	1.648E-02
1955.0	1.283E-01	9.886E-03
1960.0	1.261E-01	2.157E-02
1965.0	1.229E-01	2.811E-02
1970.0	1.238E-01	4.806E-02
1975.0	1.215E-01	6.673E-02
1980.0	1.197E-01	7.423E-02
1985.0	1.190E-01	8.163E-02
1990.0	1.198E-01	8.412E-02
1995.0	1.168E-01	7.979E-02
2000.0	1.167E-01	3.749E-02
2005.0	1.150E-01	1.475E-02
2010.0	1.151E-01	3.907E-02
2015.0	1.140E-01	2.621E-02
2020.0	1.119E-01	4.424E-02
2025.0	1.118E-01	7.278E-02
2030.0	1.097E-01	8.346E-02
2035.0	1.092E-01	9.481E-02
2040.0	1.072E-01	8.834E-02
2045.0	1.076E-01	8.964E-02
2050.0	1.059E-01	6.689E-02
2055.0	1.047E-01	5.409E-02
2060.0	1.032E-01	6.816E-02
2065.0	1.018E-01	6.096E-02
2070.0	1.010E-01	6.472E-02
2075.0	1.010E-01	7.631E-02
2080.0	9.933E-02	8.553E-02
2085.0	9.830E-02	8.385E-02
2090.0	9.754E-02	8.778E-02
2095.0	9.599E-02	8.842E-02
2100.0	9.624E-02	8.487E-02
2105.0	9.575E-02	9.177E-02
2110.0	9.463E-02	8.832E-02
2115.0	9.385E-02	9.031E-02
2120.0	9.314E-02	8.628E-02
2125.0	9.218E-02	8.730E-02
2130.0	9.238E-02	8.842E-02

2135.0	9.112E-02	8.868E-02
2140.0	9.105E-02	8.939E-02
2145.0	8.994E-02	8.813E-02
2150.0	8.971E-02	8.337E-02
2155.0	8.888E-02	8.357E-02
2160.0	8.789E-02	8.291E-02
2165.0	8.200E-02	7.518E-02
2170.0	8.537E-02	8.078E-02
2175.0	8.576E-02	7.926E-02
2180.0	8.464E-02	8.060E-02
2185.0	8.468E-02	7.346E-02
2190.0	8.314E-02	7.791E-02
2195.0	8.347E-02	7.783E-02
2200.0	8.279E-02	7.018E-02
2205.0	8.090E-02	7.295E-02
2210.0	8.081E-02	7.817E-02
2215.0	8.041E-02	7.519E-02
2220.0	7.999E-02	7.663E-02
2225.0	7.884E-02	7.440E-02
2230.0	7.840E-02	7.473E-02
2235.0	7.793E-02	7.329E-02
2240.0	7.651E-02	7.214E-02
2245.0	7.625E-02	6.991E-02
2250.0	7.537E-02	7.103E-02
2255.0	7.434E-02	6.687E-02
2260.0	7.409E-02	6.614E-02
2265.0	7.328E-02	6.736E-02
2270.0	7.310E-02	6.414E-02
2275.0	7.263E-02	6.331E-02
2280.0	7.139E-02	6.555E-02
2285.0	7.138E-02	6.239E-02
2290.0	7.119E-02	6.253E-02
2295.0	6.930E-02	6.060E-02
2300.0	6.964E-02	5.819E-02
2305.0	6.940E-02	5.854E-02
2310.0	6.890E-02	6.319E-02
2315.0	6.815E-02	5.753E-02
2320.0	6.763E-02	5.149E-02
2325.0	6.556E-02	5.563E-02
2330.0	6.622E-02	5.623E-02
2335.0	6.572E-02	5.736E-02
2340.0	6.522E-02	4.537E-02
2345.0	6.510E-02	5.087E-02
2350.0	6.434E-02	4.112E-02
2355.0	6.260E-02	4.699E-02
2360.0	6.307E-02	4.972E-02
2365.0	6.301E-02	4.891E-02
2370.0	6.239E-02	3.051E-02

2375.0	6.141E-02	4.370E-02
2380.0	6.181E-02	4.213E-02
2385.0	5.913E-02	3.053E-02
2390.0	6.036E-02	3.675E-02
2395.0	6.007E-02	4.020E-02
2400.0	5.974E-02	4.373E-02
2405.0	5.944E-02	3.329E-02
2410.0	5.915E-02	3.350E-02
2415.0	5.698E-02	2.706E-02
2420.0	5.782E-02	2.636E-02
2425.0	5.733E-02	3.280E-02
2430.0	5.719E-02	4.473E-02
2435.0	5.647E-02	1.477E-02
2440.0	5.627E-02	4.293E-02
2445.0	5.556E-02	2.066E-02
2450.0	5.459E-02	1.352E-02
2455.0	5.416E-02	2.470E-02
2460.0	5.451E-02	3.316E-02
2465.0	5.430E-02	2.401E-02
2470.0	5.340E-02	1.664E-02
2475.0	5.337E-02	1.637E-02
2480.0	5.210E-02	8.000E-03
2485.0	5.177E-02	5.584E-03
2490.0	5.222E-02	3.496E-03
2495.0	4.889E-02	2.865E-03
2500.0	5.138E-02	7.033E-03
2505.0	5.082E-02	1.512E-03
2510.0	4.960E-02	2.206E-03
2515.0	4.876E-02	5.164E-04
2520.0	4.814E-02	3.688E-04
2525.0	4.765E-02	4.119E-05
2530.0	4.770E-02	6.328E-07
2535.0	4.712E-02	1.742E-07
2540.0	4.677E-02	3.752E-07
2545.0	4.661E-02	5.347E-11
2550.0	4.626E-02	2.807E-13
2555.0	4.593E-02	1.038E-09
2560.0	4.540E-02	3.084E-11
2565.0	4.516E-02	1.585E-14
2570.0	4.485E-02	1.515E-18
2575.0	4.448E-02	1.071E-27
2580.0	4.410E-02	3.793E-22
2585.0	4.327E-02	1.706E-34
2590.0	4.341E-02	5.437E-31
2595.0	4.304E-02	2.267E-33
2600.0	4.291E-02	4.456E-28
2605.0	4.280E-02	5.759E-35
2610.0	4.250E-02	5.897E-34

2615.0	4.228E-02	1.111E-37
2620.0	4.190E-02	5.606E-29
2625.0	4.058E-02	3.838E-28
2630.0	4.116E-02	2.803E-45
2635.0	4.096E-02	3.872E-16
2640.0	4.022E-02	1.166E-16
2645.0	4.018E-02	8.929E-19
2650.0	3.996E-02	1.419E-19
2655.0	3.959E-02	1.304E-27
2660.0	3.948E-02	2.588E-25
2665.0	3.895E-02	1.105E-37
2670.0	3.910E-02	0.000E+00
2675.0	3.861E-02	0.000E+00
2680.0	3.843E-02	0.000E+00
2685.0	3.816E-02	0.000E+00
2690.0	3.779E-02	1.018E-29
2695.0	3.746E-02	7.101E-33
2700.0	3.712E-02	0.000E+00
2705.0	3.693E-02	2.927E-42
2710.0	3.668E-02	1.124E-35
2715.0	3.656E-02	3.855E-26
2720.0	3.638E-02	5.605E-45
2725.0	3.613E-02	7.309E-22
2730.0	3.601E-02	6.093E-19
2735.0	3.574E-02	5.512E-21
2740.0	3.553E-02	2.344E-27
2745.0	3.538E-02	1.322E-23
2750.0	3.518E-02	1.676E-28
2755.0	3.486E-02	6.726E-44
2760.0	3.455E-02	0.000E+00
2765.0	3.440E-02	2.700E-27
2770.0	3.426E-02	8.453E-24
2775.0	3.393E-02	4.036E-38
2780.0	3.364E-02	4.853E-34
2785.0	3.342E-02	3.926E-27
2790.0	3.320E-02	1.230E-16
2795.0	3.293E-02	3.659E-16
2800.0	3.276E-02	1.667E-12
2805.0	3.253E-02	6.823E-14
2810.0	3.242E-02	4.070E-10
2815.0	3.226E-02	2.902E-10
2820.0	3.206E-02	2.079E-11
2825.0	3.184E-02	1.781E-07
2830.0	3.170E-02	3.948E-06
2835.0	3.145E-02	2.153E-10
2840.0	3.118E-02	1.985E-07
2845.0	3.095E-02	4.107E-05
2850.0	3.068E-02	1.171E-06

2855.0	3.043E-02	4.543E-07
2860.0	3.016E-02	2.567E-05
2865.0	2.996E-02	1.697E-04
2870.0	2.960E-02	6.392E-06
2875.0	2.940E-02	3.966E-04
2880.0	2.940E-02	2.504E-04
2885.0	2.922E-02	4.591E-04
2890.0	2.907E-02	1.886E-04
2895.0	2.896E-02	2.698E-03
2900.0	2.881E-02	8.218E-04
2905.0	2.867E-02	1.124E-04
2910.0	2.850E-02	2.757E-03
2915.0	2.822E-02	1.274E-03
2920.0	2.804E-02	2.932E-03
2925.0	2.778E-02	1.097E-03
2930.0	2.757E-02	5.961E-03
2935.0	2.733E-02	6.573E-03
2940.0	2.714E-02	1.648E-03
2945.0	2.684E-02	1.467E-03
2950.0	2.668E-02	5.294E-03
2955.0	2.656E-02	2.366E-03
2960.0	2.638E-02	4.655E-03
2965.0	2.626E-02	7.531E-03
2970.0	2.612E-02	3.568E-04
2975.0	2.601E-02	8.650E-04
2980.0	2.580E-02	1.355E-03
2985.0	2.569E-02	7.050E-03
2990.0	2.554E-02	1.041E-02
2995.0	2.540E-02	4.329E-03
3000.0	2.525E-02	7.944E-03
3005.0	2.512E-02	2.926E-03
3010.0	2.498E-02	6.932E-03
3015.0	2.486E-02	5.623E-03
3020.0	2.466E-02	6.414E-04
3025.0	2.454E-02	7.595E-03
3030.0	2.442E-02	6.149E-03
3035.0	2.421E-02	2.529E-03
3040.0	2.393E-02	2.049E-03
3045.0	2.402E-02	4.260E-03
3050.0	2.395E-02	1.045E-03
3055.0	2.386E-02	2.930E-04
3060.0	2.376E-02	6.376E-03
3065.0	2.354E-02	2.946E-03
3070.0	2.344E-02	1.770E-03
3075.0	2.335E-02	6.093E-03
3080.0	2.315E-02	3.665E-03
3085.0	2.295E-02	1.788E-03
3090.0	2.280E-02	2.408E-03

3095.0	2.263E-02	6.627E-04
3100.0	2.243E-02	4.451E-03
3105.0	2.228E-02	9.320E-04
3110.0	2.211E-02	8.552E-04
3115.0	2.177E-02	2.293E-03
3120.0	2.174E-02	9.929E-03
3125.0	2.158E-02	3.063E-03
3130.0	2.145E-02	5.825E-03
3135.0	2.136E-02	1.157E-02
3140.0	2.118E-02	3.360E-03
3145.0	2.107E-02	3.287E-03
3150.0	2.088E-02	6.746E-03
3155.0	2.083E-02	5.697E-03
3160.0	2.073E-02	9.329E-03
3165.0	2.066E-02	1.416E-02
3170.0	2.052E-02	1.265E-02
3175.0	2.047E-02	9.325E-03
3180.0	2.032E-02	1.073E-02
3185.0	2.024E-02	8.164E-03
3190.0	2.019E-02	4.282E-03
3195.0	2.008E-02	2.720E-03
3200.0	1.994E-02	4.428E-04
3205.0	1.986E-02	3.128E-04
3210.0	1.976E-02	1.377E-04
3215.0	1.962E-02	5.024E-04
3220.0	1.954E-02	1.625E-03
3225.0	1.942E-02	2.007E-04
3230.0	1.938E-02	3.440E-04
3235.0	1.926E-02	7.363E-03
3240.0	1.921E-02	3.782E-03
3245.0	1.910E-02	7.410E-04
3250.0	1.909E-02	2.631E-03
3255.0	1.890E-02	1.003E-02
3260.0	1.880E-02	1.236E-03
3265.0	1.870E-02	2.469E-03
3270.0	1.860E-02	1.229E-03
3275.0	1.848E-02	5.976E-03
3280.0	1.837E-02	2.889E-03
3285.0	1.832E-02	1.122E-02
3290.0	1.826E-02	8.831E-03
3295.0	1.803E-02	1.234E-03
3300.0	1.792E-02	1.794E-03
3305.0	1.786E-02	3.975E-03
3310.0	1.770E-02	3.957E-03
3315.0	1.760E-02	1.627E-05
3320.0	1.730E-02	6.050E-05
3325.0	1.728E-02	3.549E-03
3330.0	1.713E-02	4.701E-03

3335.0	1.703E-02	9.147E-03
3340.0	1.685E-02	3.490E-03
3345.0	1.678E-02	3.572E-03
3350.0	1.660E-02	8.100E-03
3355.0	1.650E-02	3.664E-03
3360.0	1.636E-02	5.289E-03
3365.0	1.629E-02	7.259E-03
3370.0	1.618E-02	3.977E-03
3375.0	1.611E-02	8.539E-03
3380.0	1.601E-02	5.162E-03
3385.0	1.598E-02	7.565E-03
3390.0	1.590E-02	9.955E-03
3395.0	1.580E-02	9.645E-03
3400.0	1.564E-02	1.264E-02
3405.0	1.565E-02	4.506E-03
3410.0	1.554E-02	7.155E-03
3415.0	1.547E-02	7.354E-03
3420.0	1.543E-02	1.331E-02
3425.0	1.532E-02	1.011E-02
3430.0	1.522E-02	8.781E-03
3435.0	1.515E-02	1.167E-02
3440.0	1.505E-02	8.118E-03
3445.0	1.502E-02	1.143E-02
3450.0	1.492E-02	1.127E-02
3455.0	1.488E-02	8.394E-03
3460.0	1.480E-02	1.266E-02
3465.0	1.476E-02	9.916E-03
3470.0	1.466E-02	1.239E-02
3475.0	1.456E-02	1.105E-02
3480.0	1.448E-02	1.134E-02
3485.0	1.445E-02	1.221E-02
3490.0	1.436E-02	1.052E-02
3495.0	1.432E-02	1.238E-02
3500.0	1.423E-02	1.203E-02
3505.0	1.415E-02	1.192E-02
3510.0	1.405E-02	1.208E-02
3515.0	1.402E-02	1.160E-02
3520.0	1.393E-02	1.223E-02
3525.0	1.389E-02	1.152E-02
3530.0	1.380E-02	1.122E-02
3535.0	1.376E-02	9.531E-03
3540.0	1.367E-02	9.101E-03
3545.0	1.366E-02	9.615E-03
3550.0	1.357E-02	1.062E-02
3555.0	1.345E-02	9.125E-03
3560.0	1.336E-02	1.087E-02
3565.0	1.336E-02	1.093E-02
3570.0	1.325E-02	8.395E-03

3575.0	1.318E-02	8.703E-03
3580.0	1.308E-02	1.026E-02
3585.0	1.305E-02	9.228E-03
3590.0	1.298E-02	9.515E-03
3595.0	1.294E-02	9.733E-03
3600.0	1.285E-02	1.033E-02
3605.0	1.283E-02	1.043E-02
3610.0	1.274E-02	9.539E-03
3615.0	1.272E-02	9.532E-03
3620.0	1.264E-02	1.169E-02
3625.0	1.261E-02	1.030E-02
3630.0	1.251E-02	1.002E-02
3635.0	1.249E-02	1.036E-02
3640.0	1.240E-02	1.155E-02
3645.0	1.236E-02	1.066E-02
3650.0	1.228E-02	1.018E-02
3655.0	1.222E-02	1.104E-02
3660.0	1.215E-02	1.098E-02
3665.0	1.215E-02	1.031E-02
3670.0	1.204E-02	7.946E-03
3675.0	1.203E-02	4.857E-03
3680.0	1.189E-02	8.379E-03
3685.0	1.183E-02	9.491E-03
3690.0	1.177E-02	9.746E-03
3695.0	1.172E-02	1.019E-02
3700.0	1.155E-02	1.094E-02
3705.0	1.160E-02	1.083E-02
3710.0	1.151E-02	9.413E-03
3715.0	1.150E-02	9.273E-03
3720.0	1.144E-02	1.043E-02
3725.0	1.143E-02	1.075E-02
3730.0	1.134E-02	9.317E-03
3735.0	1.128E-02	8.626E-03
3740.0	1.108E-02	8.892E-03
3745.0	1.108E-02	1.038E-02
3750.0	1.104E-02	9.334E-03
3755.0	1.100E-02	9.034E-03
3760.0	1.094E-02	8.904E-03
3765.0	1.093E-02	8.589E-03
3770.0	1.086E-02	9.165E-03
3775.0	1.080E-02	9.092E-03
3780.0	1.074E-02	9.616E-03
3785.0	1.073E-02	8.850E-03
3790.0	1.063E-02	7.789E-03
3795.0	1.062E-02	8.906E-03
3800.0	1.053E-02	9.899E-03
3805.0	1.053E-02	9.341E-03
3810.0	1.043E-02	8.277E-03

MIT OpenCourseWare
<http://ocw.mit.edu>

3.021J, 1.021J, 10.333J, 18.361J, 22.00J Introduction to Modelling and Simulation
Spring 2012

For information about citing these materials or our Terms of Use, visit: <http://ocw.mit.edu/terms>.

3815.0	1.041E-02	7.787E-03
3820.0	1.034E-02	9.691E-03
3825.0	1.033E-02	9.540E-03
3830.0	1.025E-02	9.627E-03
3835.0	1.021E-02	7.719E-03
3840.0	1.015E-02	9.007E-03
3845.0	1.013E-02	8.810E-03
3850.0	1.005E-02	8.857E-03
3855.0	1.003E-02	8.537E-03
3860.0	9.940E-03	8.020E-03
3865.0	9.910E-03	8.125E-03
3870.0	9.830E-03	7.384E-03
3875.0	9.830E-03	6.783E-03
3880.0	9.750E-03	6.554E-03
3885.0	9.700E-03	6.793E-03
3890.0	9.710E-03	6.903E-03
3895.0	9.620E-03	7.498E-03
3900.0	9.600E-03	7.949E-03
3905.0	9.590E-03	7.950E-03
3910.0	9.520E-03	7.156E-03
3915.0	9.500E-03	7.007E-03
3920.0	9.410E-03	6.967E-03
3925.0	9.400E-03	6.871E-03
3930.0	9.320E-03	7.070E-03
3935.0	9.300E-03	7.374E-03
3940.0	9.230E-03	7.423E-03
3945.0	9.200E-03	7.561E-03
3950.0	9.110E-03	7.648E-03
3955.0	9.080E-03	7.740E-03
3960.0	9.020E-03	7.768E-03
3965.0	9.010E-03	7.825E-03
3970.0	8.930E-03	7.700E-03
3975.0	8.910E-03	7.528E-03
3980.0	8.840E-03	7.405E-03
3985.0	8.800E-03	7.450E-03
3990.0	8.780E-03	7.389E-03
3995.0	8.700E-03	7.226E-03
4000.0	8.680E-03	7.120E-03
	6.774E-01	4.434E-01