Table 1:  $P_1 - P_1$ 

h	$n_{\mathbf{A}}$	$n_{\mathbf{S}}$	$\mathbf{S}_0$		$\mathbf{S}_n$		$\mathbf{S}_{\mathrm{full}}$	
			$\lambda_2$	$\lambda_{n_{\mathbf{S}}}$	$\lambda_2$	$\lambda_{n_{\mathbf{S}}}$	$\lambda_2$	$\lambda_{n_{\mathbf{S}}}$
$8.33 \times 10^{-1}$	153	51	$1.32 \times 10^{-2}$	1.42	$7.48 \times 10^{-1}$	1.13	$9.58 \times 10^{-1}$	1.06
$4.17 \times 10^{-1}$	570	190	$5.12 \times 10^{-3}$	1.04	$5.77 \times 10^{-1}$	1.	$8.54 \times 10^{-1}$	1.
$2.08 \times 10^{-1}$	1992	664	$4.4 \times 10^{-3}$	$7.93 \times 10^{-1}$	$3.87 \times 10^{-1}$	1.	$6.71 \times 10^{-1}$	1.
$1.04 \times 10^{-1}$	8292	2764	$2.01 \times 10^{-3}$	$7.75 \times 10^{-1}$	$2.19 \times 10^{-1}$	1.	$5.82 \times 10^{-1}$	1.
$5.21 \times 10^{-2}$	32736	10912	$6.04 \times 10^{-5}$	$9.81 \times 10^{-1}$	$1.17 \times 10^{-1}$	1.	$5.37 \times 10^{-1}$	1.
$2.6 \times 10^{-2}$	131592	43864	$3.53 \times 10^{-5}$	$8.67 \times 10^{-1}$	$5.72 \times 10^{-2}$	1.	$5.16 \times 10^{-1}$	1.
$1.3 \times 10^{-2}$	525864	175288	$2.16 \times 10^{-6}$	$7.34 \times 10^{-1}$	$2.84 \times 10^{-2}$	1.	$5.04 \times 10^{-1}$	1.

Table 2:  $\mathbf{P}_2 - P_1$ 

h	$n_{\mathbf{A}}$	$n_{\mathbf{S}}$	$\mathbf{S}_0$		$\mathbf{S}_n$		$\mathbf{S}_{\mathrm{full}}$	
			$\lambda_2$	$\lambda_{n_{\mathbf{S}}}$	$\lambda_2$	$\lambda_{n_{\mathbf{S}}}$	$\lambda_2$	$\lambda_{n_{\mathbf{S}}}$
$8.33 \times 10^{-1}$	789	51	$3.22 \times 10^{-1}$	1.73	$8.27 \times 10^{-1}$	1.17	$9.68 \times 10^{-1}$	1.07
$4.17 \times 10^{-1}$	3240	190	$9.17 \times 10^{-2}$	1.08	$6.45 \times 10^{-1}$	1.	$8.56 \times 10^{-1}$	1.
$2.08 \times 10^{-1}$	11718	664	$1.78 \times 10^{-1}$	$8.31 \times 10^{-1}$	$5.49 \times 10^{-1}$	1.	$6.75 \times 10^{-1}$	1.
$1.04 \times 10^{-1}$	48762	2764	$1.04 \times 10^{-1}$	$8.13 \times 10^{-1}$	$5.14 \times 10^{-1}$	1.	$5.82 \times 10^{-1}$	1.