A. Elongation rate (old-pole mother cell)

Exp \ Stat	Avg (1/mins)	Var (1/mins)	# cells
B/r Exp1	0.043	0.003	1008
B/r Exp2	0.044	0.006	16585
MG1655 Exp1	0.044	0.004	11412
MG1655 Exp2	0.044	0.005	3650
MG1655 Exp3	0.046	0.005	3005
MG1655 Exp4	0.045	0.006	20961
MG1655 Exp5	0.045	0.005	22959

B. Elongation rate (young-pole daughter cell)

Exp \ Stat	Avg (1/mins)	Var (1/mins)	# cells
B/r Exp1	0.043	0.004	1008
B/r Exp2	0.044	0.004	16585
MG1655 Exp1	0.046	0.004	11412
MG1655 Exp2	0.045	0.003	3650
MG1655 Exp3	0.047	0.004	3005
MG1655 Exp4	0.046	0.005	20961
MG1655 Exp5	0.046	0.007	22959

C. Generation time (old-pole mother cell)

Exp \ Stat	Avg (mins)	Var (mins)	# cells
B/r Exp1	23.4	4.8	1008
B/r Exp2	22.8	4.8	16585
MG1655 Exp1	21.4	5	11412
MG1655 Exp2	21.4	5.7	3650
MG1655 Exp3	20.8	5.9	3005
MG1655 Exp4	20.3	5.3	20961
MG1655 Exp5	21.4	5.4	22959

D. Generation time (young-pole daughter cell)

Exp \ Stat	Avg (mins)	Var (mins)	# cells
B/r Exp1	22.8	4.7	1008
B/r Exp2	21.4	4.7	16585
MG1655 Exp1	21	4.9	11412
MG1655 Exp2	20.8	5.5	3650
MG1655 Exp3	20.4	5.1	3005
MG1655 Exp4	18.1	5.7	20961
MG1655 Exp5	20.4	5	22959

E. Newborn cell size (old-pole mother cell)

Exp \ Stat	Avg (μm)	Var (μm)	# cells
B/r Exp1	3.3	0.6	1008
B/r Exp2	3.3	1.1	16585
MG1655 Exp1	3.6	1	11412
MG1655 Exp2	4.1	1.3	3650
MG1655 Exp3	3.9	1.2	3005
MG1655 Exp4	3.8	1	20961
MG1655 Exp5	3.9	1.1	22959

F. Newborn cell size (young-pole daughter cell)

Exp \ Stat	Avg (μm)	Var (μm)	# cells
B/r Exp1	3.3	0.6	1008
B/r Exp2	3.3	0.7	16585
MG1655 Exp1	3.4	0.8	11412
MG1655 Exp2	3.8	1	3650
MG1655 Exp3	3.7	0.9	3005
MG1655 Exp4	3.6	0.8	20961
MG1655 Exp5	3.7	0.9	22959

Table of statistics of growth. (avg = average, var = variance) (**a, b**) elongation rate (**c, d**) generation time (**e, f**) newborn cell size