Pregnant women initially eligible
n=93 (May. 2016 ~ March. 2018)

Exclusion (n=42) (45.1%)
- Delivered child before the start of data acquisition (n=13)
- Caesarean section (n=5)
- The CGM had already been used by other patients, delivery time overlapped (n=24)

Allocated real-time
Continuous Glucose Monitoring
(n=51) (54.9%)

During labor of PwGDM
n=25 (26.9%)

During labor of PwNGT
n=26 (28.0%)

Exclusion (n=8) (8.6%)
Unable to analyze
- PwGDM (n=4)
- PwNGT (n=4)

Exclusion (n=3) (3.2%)
- Overt diabetes in pregnancy (n=2)
- Diagnosis of type 1 diabetes after delivery (n=1)

Able to analyze data after allocation to
Real-time Continuous Glucose
Monitoring (n=40) (43.0%)

During labor of PwGDM
(n=18) (19.4%)

During labor of PwNGT
(n=22) (23.6%)

35 years old GDM

SMBG Check points (BG Levels)

17:40 Full dilatation of the cervix

14:30~ The active labor phase

Period 1

Period 2

Period 3

Period 4

20:40 Finish

Glucose Levels (GL) (mg/dL)

200
180
160
150
140
120
100
80
60

109 89 91 114 143 122 118 103 98 120 104 107 116 136

a meal

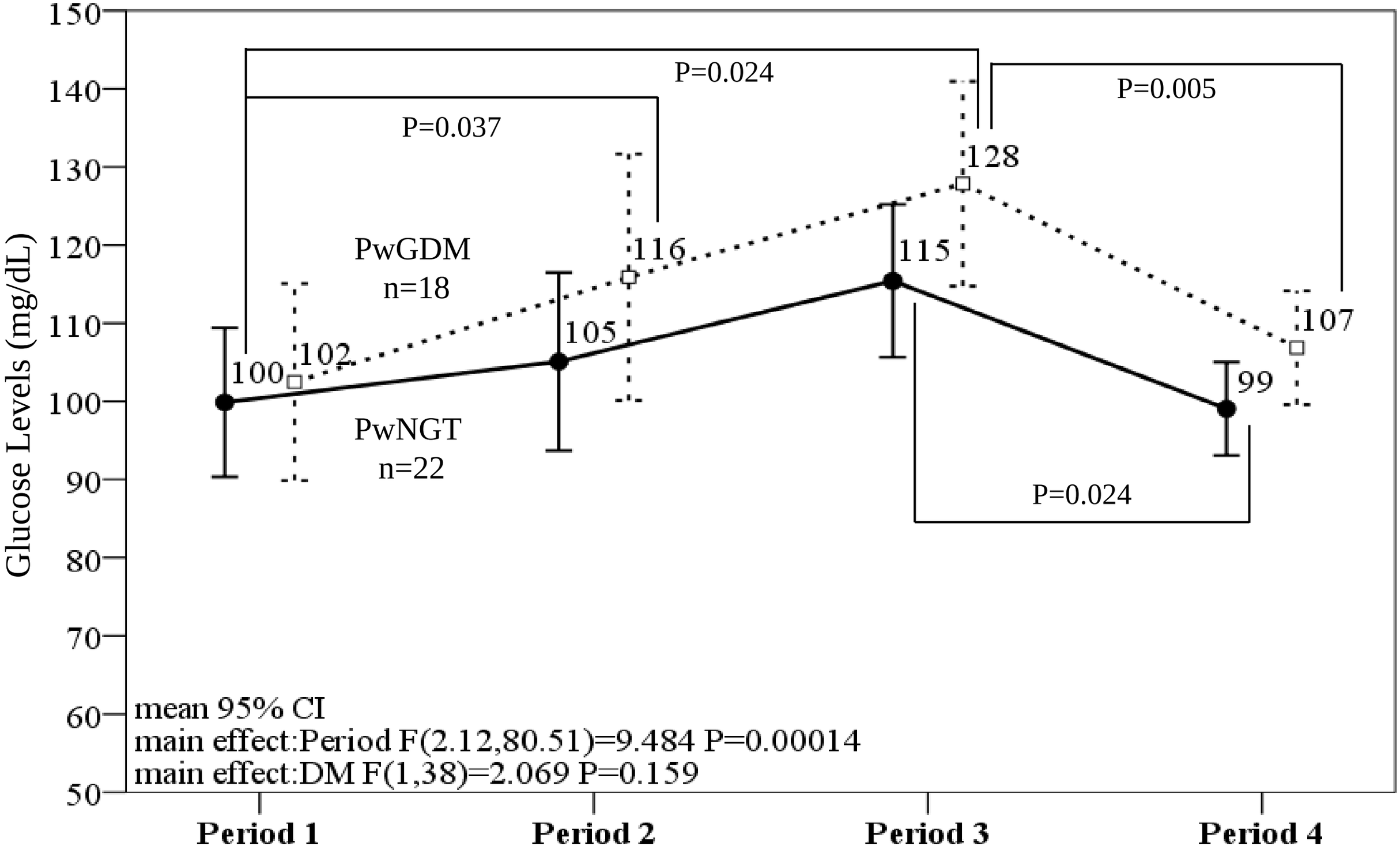
20:40 delivery

SG Levels (mg/dL)

80 94 87 93 120 130 93 127 112 105 108 147 98 100 123

6 12 18 0 6 12 18 0 6 12 18 0

Day 1 Day 2 Day 3

Time(hour)

Change in labor progress and SG average value