Fig.1.1

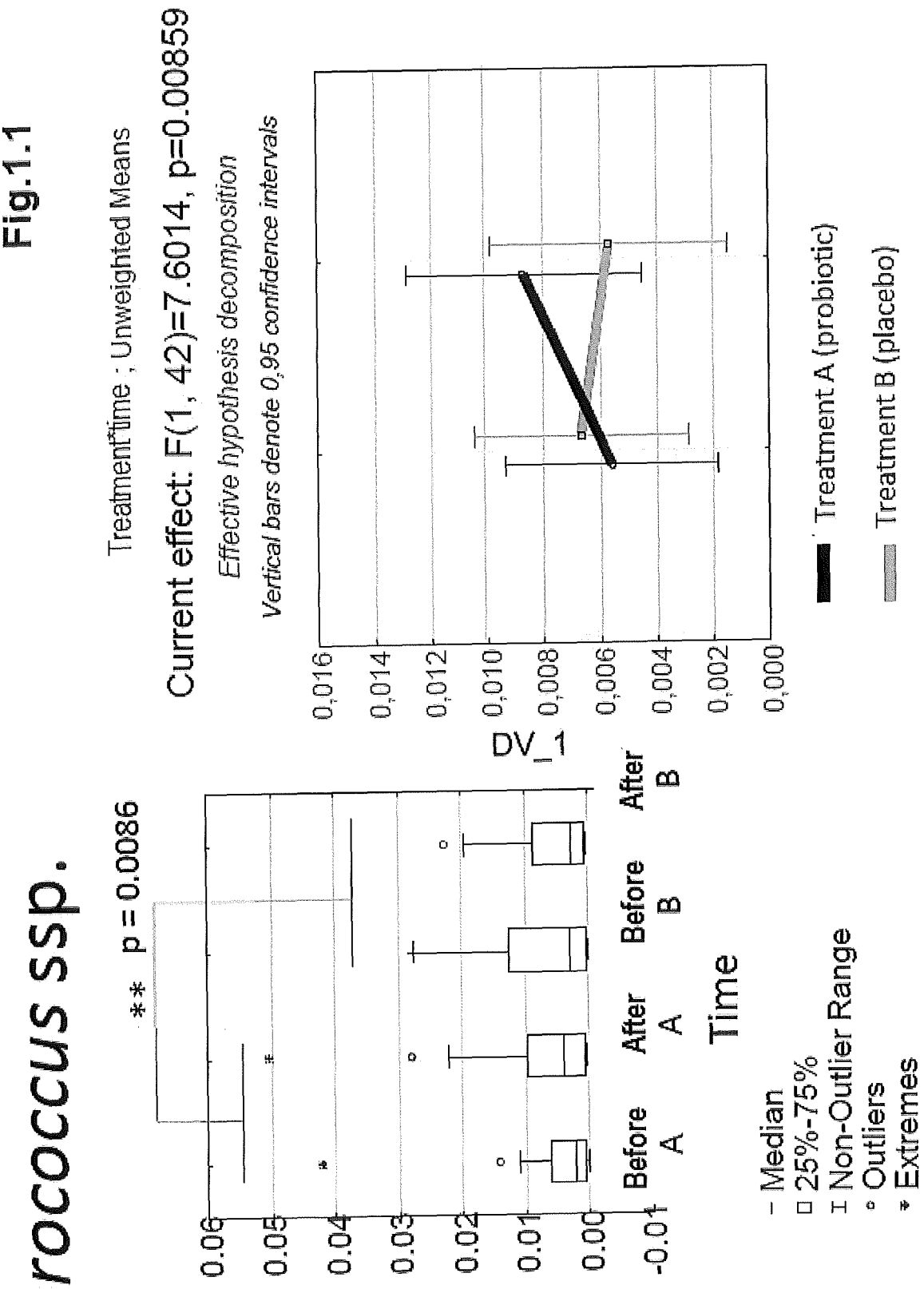

Coprococcus ssp.
** p = 0.0086
Treatment*time ; Unweighted Means
Current effect: F(1, 42)=7.6014, p=0.00859
Effective hypothesis decomposition
Vertical bars denote 0,95 confidence intervals
0.06
0.05
0.04
0.03
0.02
0.01
0.00
-0.01
Before A
After A
Before B
After B
Time
Median
25%-75%
Non-Outlier Range
Outliers
Extremes
0,016
0,014
0,012
0,010
0,008
0,006
0,004
0,002
0,000
DV_1
Treatment A (probiotic)
Treatment B (placebo)

Fig.1.2

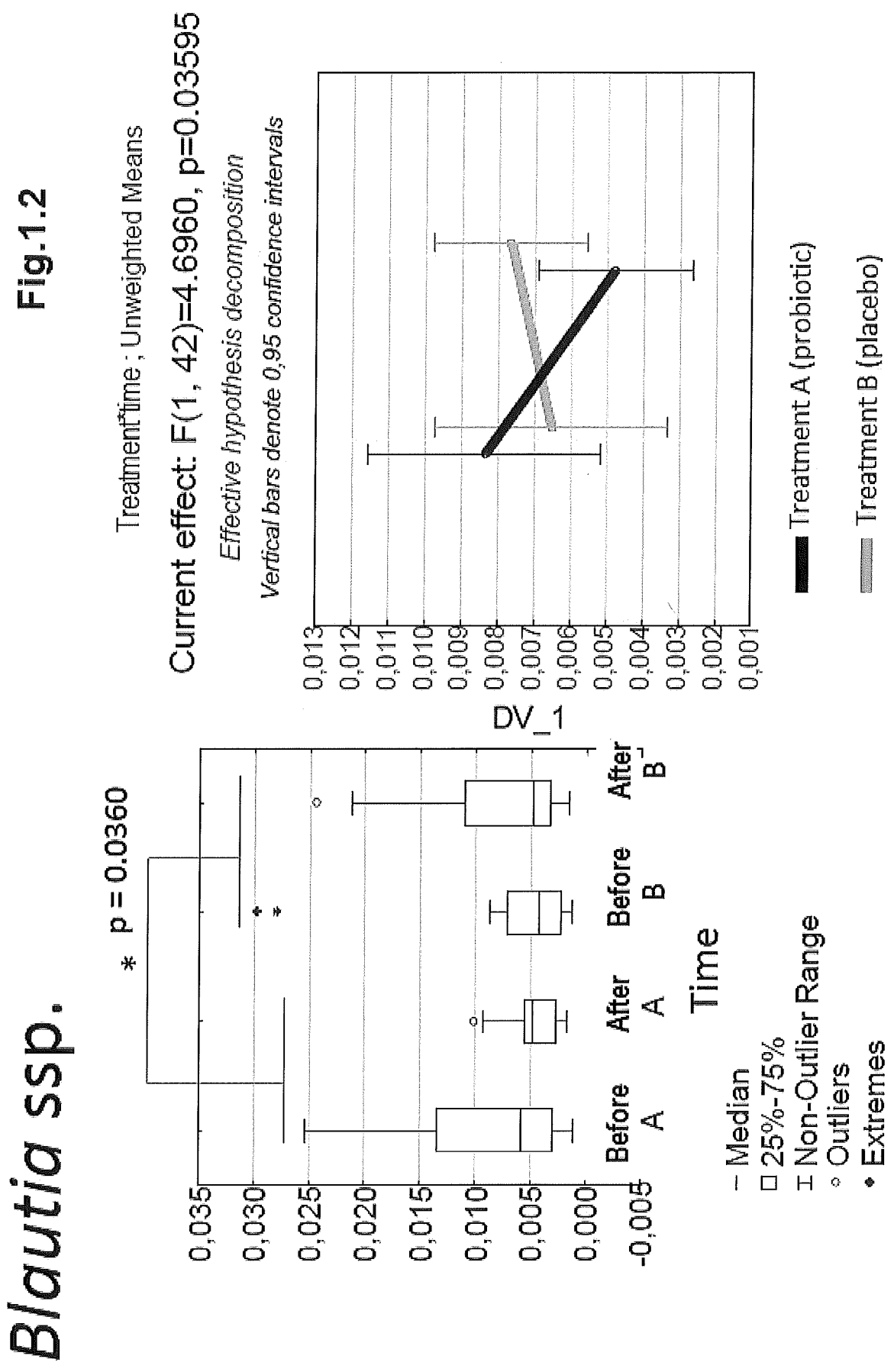

Blautia ssp.
* p = 0.0360
0,035
0,030
0,025
0,020
0,015
0,010
0,005
0,000
-0,005
Before A
After A
Before B
After B
Time
Median
25%-75%
Non-Outlier Range
Outliers
Extremes
Treatment*Time ; Unweighted Means
Current effect: F(1, 42)=4.6960, p=0.03595
Effective hypothesis decomposition
Vertical bars denote 0,95 confidence intervals
0,013
0,012
0,011
0,010
0,009
0,008
0,007
0,006
0,005
0,004
0,003
0,002
0,001
DV_1
Treatment A (probiotic)
Treatment B (placebo)

Fig.2.1

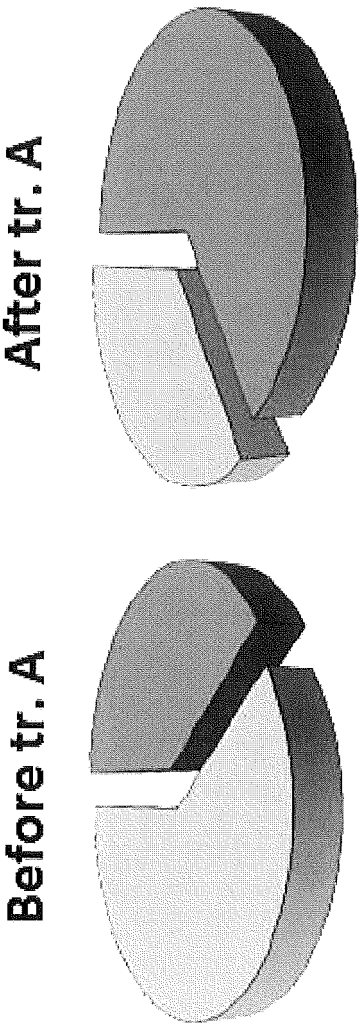

Before tr. A
After tr. A
Coprococcus
Blautia

Fig.2.2

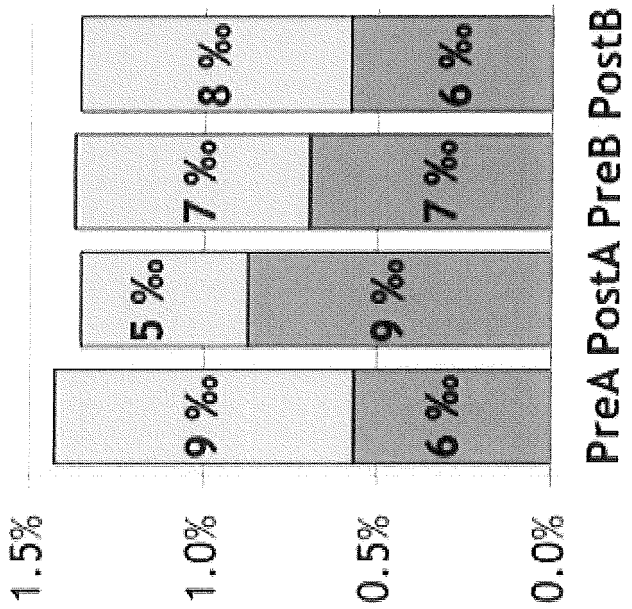

1.5%
1.0%
0.5%
0.0%
9 ‰
6 ‰
5 ‰
9 ‰
7 ‰
7 ‰
8 ‰
6 ‰
PreA PostA PreB PostB

Fig.3

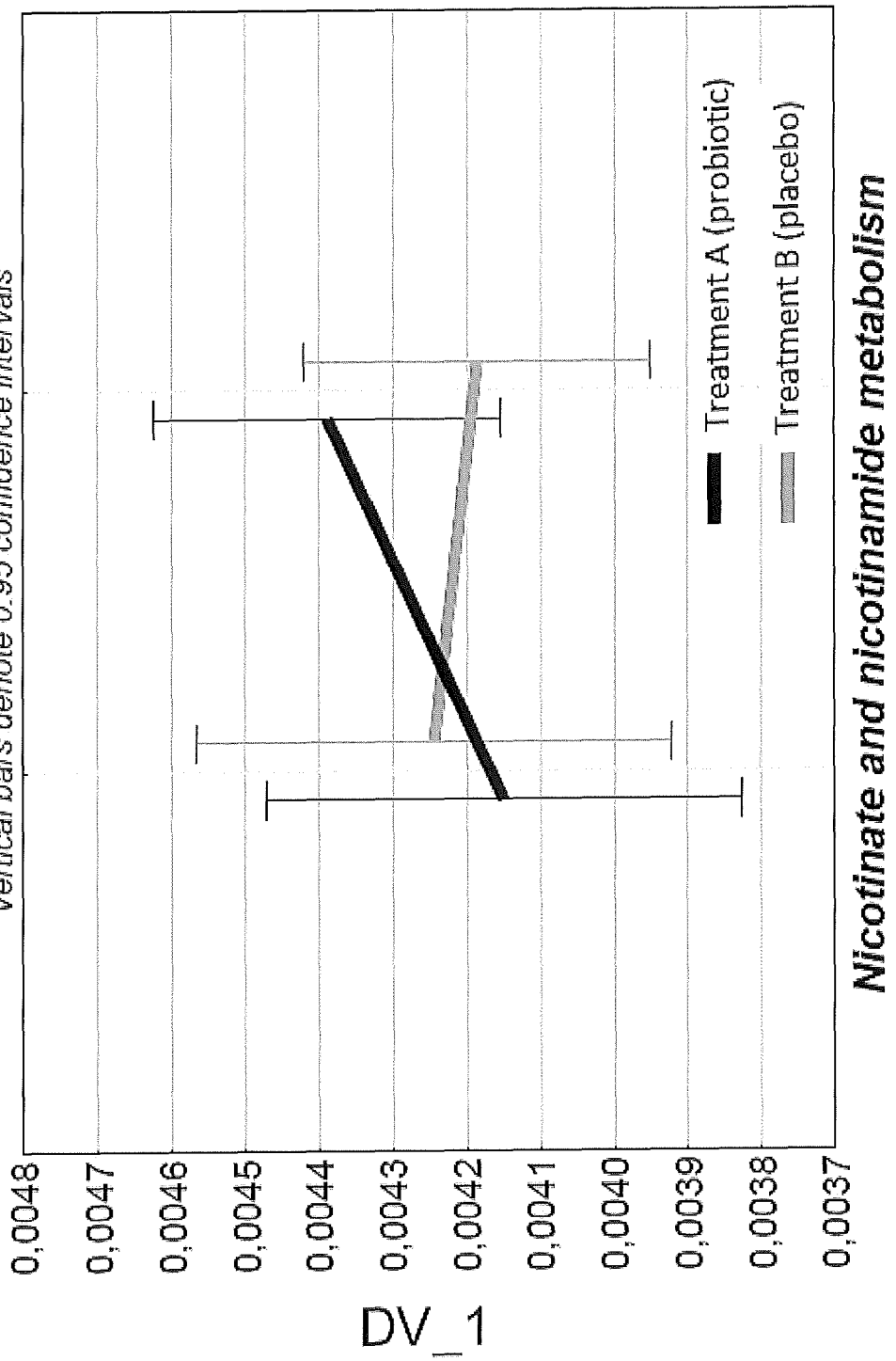
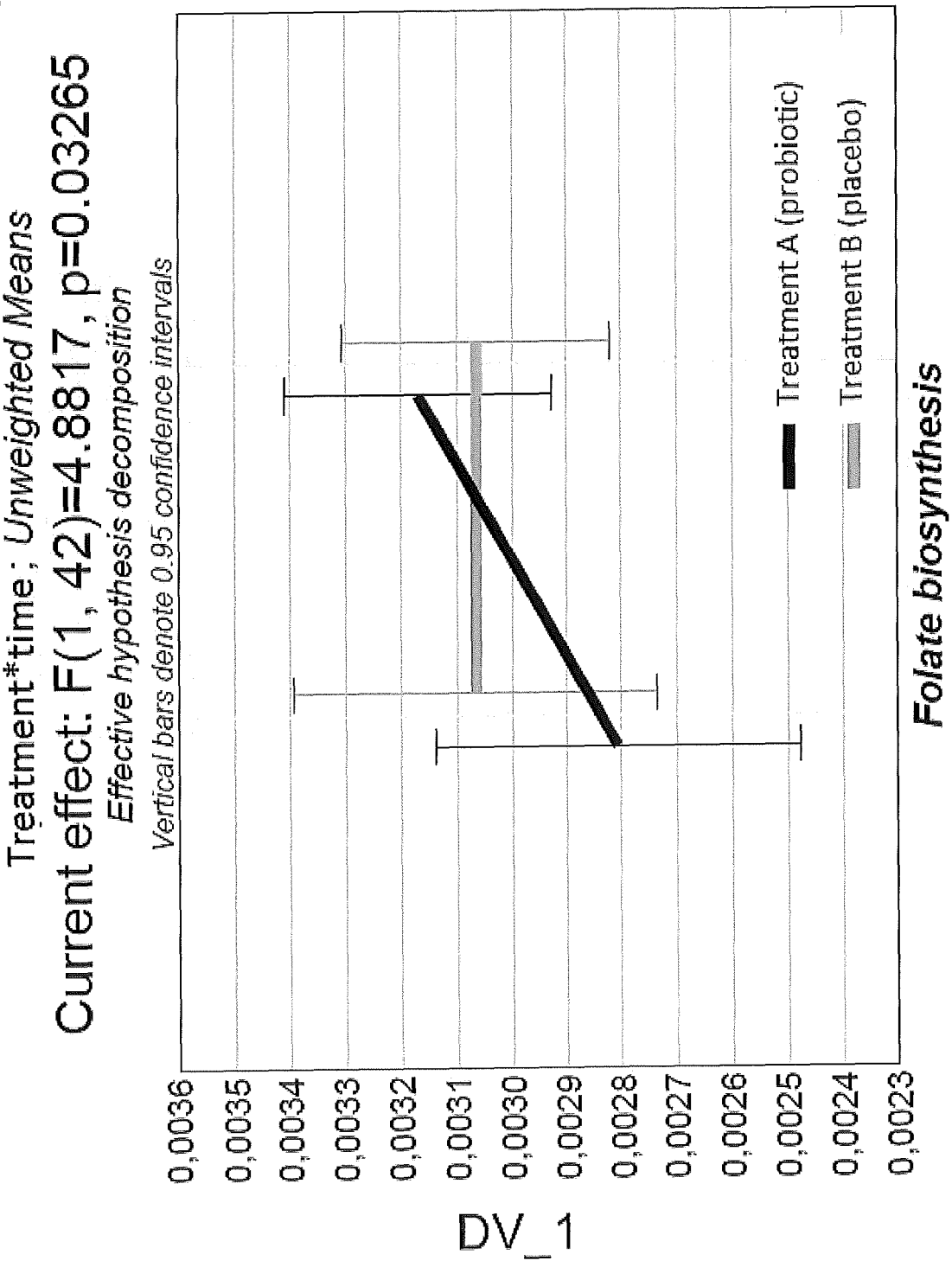

Treatment*time ; Unweighted Means
Current effect: F(1, 42)=4.6182, p=0.03744
Effective hypothesis decomposition
Vertical bars denote 0.95 confidence intervals
0,0048
0,0047
0,0046
0,0045
0,0044
0,0043
0,0042
0,0041
0,0040
0,0039
0,0038
0,0037
DV_1
Treatment A (probiotic)
Treatment B (placebo)
Nicotinate and nicotinamide metabolism

Fig.4


Treatment*time; Unweighted Means
Current effect: F(1, 42)=4.8817, p=0.03265
Effective hypothesis decomposition
Vertical bars denote 0.95 confidence intervals
DV_1
0,0036
0,0035
0,0034
0,0033
0,0032
0,0031
0,0030
0,0029
0,0028
0,0027
0,0026
0,0025
0,0024
0,0023
Treatment A (probiotic)
Treatment B (placebo)
Folate biosynthesis