

## Significant Associations for IL\_10\_PG\_ML

Variable	Coefficient	P-value
widespread_pain[T.yes]	3.0453	0.00114
gender[T.male]:glycemic_group[T.pre_diabetic]	-1.0292	0.01861

## Significant Associations for IL\_17A\_PG\_ML

Variable	Coefficient	P-value
glycemic_group[T.normal]	4.7515	0.004373
glycemic_group[T.pre_diabetic]	4.5031	0.007802
age	0.0952	0.008808
age:glycemic_group[T.normal]	-0.1097	0.001844
age:glycemic_group[T.pre_diabetic]	-0.1062	0.003099

## Adjusted Means by Gender

Cytokine	male	female	Std Error	P
IL_10_PG_ML	5.83 pg/mL	5.80 pg/mL	± 0.32 pg/mL	0.01861
IL_17A_PG_ML	3.06 pg/mL	2.73 pg/mL	± 0.56 pg/mL	N/A

## Adjusted Means by Glycemic Group

Cytokine	diabetic	pre_diabetic	normal	Std Error	P
IL_10_PG_ML	6.30 pg/mL	5.49 pg/mL	5.77 pg/mL	± 0.33 pg/mL	0.01861
IL_17A_PG_ML	2.77 pg/mL	2.57 pg/mL	3.26 pg/mL	± 0.59 pg/mL	0.004373

## Adjusted Means by Race Ethnicity

Cytokine	black	latino	Std Error	P
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IL_10_PG_ML	5.70 pg/mL	6.17 pg/mL	± 0.32 pg/mL	N/A
IL_17A_PG_ML	3.05 pg/mL	2.94 pg/mL	± 0.57 pg/mL	N/A

### Adjusted Means by Widespread Pain

Cytokine	no	yes	Std Error	P
IL_10_PG_ML	5.07 pg/mL	7.18 pg/mL	± 0.32 pg/mL	0.00114
IL_17A_PG_ML	2.87 pg/mL	3.19 pg/mL	± 0.58 pg/mL	N/A