Model fitted on 'Quality of life' stratified by 'Life satisfaction'

Interaction P-value: $3.1 \times 10^{-3}$ Z-score: 2.96

HumanCytoSNP–12

Global Screening Array

Mean for participants with lowest 10% PGS for Life satisfaction
Mean for participants with average PGS for Life satisfaction
Mean for participants with highest 10% PGS for Life satisfaction

30–Mar–2020
08–Jul–2020
16–Oct–2020
31–Jan–2021

Contribution of Life satisfaction PGS on Quality of life

Global Screening Array

Mean for participants with lowest 10% PGS for Life satisfaction
Mean for participants with average PGS for Life satisfaction
Mean for participants with highest 10% PGS for Life satisfaction

30–Mar–2020
08–Jul–2020
16–Oct–2020
31–Jan–2021

Contribution of Life satisfaction PGS on Quality of life
Model fitted on 'Concerned about the COVID−19 pandemic' stratified by 'Schizophrenia'.

Interaction P−value: $1.53 \times 10^{-3}$ Z−score: −3.17

HumanCytoSNP−12

Global Screening Array

Mean for participants with lowest 10% PGS for Schizophrenia
Mean for participants with average PGS for Schizophrenia
Mean for participants with highest 10% PGS for Schizophrenia
Fit for lowest 10% PGS for Schizophrenia
Fit for median PGS for Schizophrenia
Fit for highest 10% PGS for Schizophrenia
Model fitted on 'Felt good' stratified by 'Life satisfaction'

Interaction P−value: $8.14 \times 10^{-3}$ Z−score: 2.65

- Mean for participants with lowest 10% PGS for Life satisfaction
- Mean for participants with average PGS for Life satisfaction
- Mean for participants with highest 10% PGS for Life satisfaction

Mean for participants with lowest 10% PGS for Life satisfaction
Mean for median PGS for Life satisfaction
Mean for highest 10% PGS for Life satisfaction

30−Mar−2020
08−Jul−2020
16−Oct−2020
31−Jan−2021
Model fitted on 'Felt good' stratified by 'Neuroticism'

Interaction P−value: $5.89 \times 10^{-3}$ Z−score: $-2.75$

Mean for participants with lowest 10% PGS for Neuroticism
Mean for participants with average PGS for Neuroticism
Mean for participants with highest 10% PGS for Neuroticism

Fit for lowest 10% PGS for Neuroticism
Fit for median PGS for Neuroticism
Fit for highest 10% PGS for Neuroticism

HumanCytoSNP−12

Global Screening Array

Contribution of Neuroticism PGS on Felt good
Model fitted on 'Felt tired' stratified by 'Depression'

Interaction P-value: $2.25 \times 10^{-3}$ Z-score: 3.06

HumanCytoSNP–12

Global Screening Array

Mean for participants with lowest 10% PGS for Depression
Mean for participants with average PGS for Depression
Mean for participants with highest 10% PGS for Depression

Contribution of Depression PGS on Felt tired
Model fitted on 'Felt tired' stratified by 'Life satisfaction'

Interaction P-value: $1.27 \times 10^{-4}$ Z-score: $-3.83$

- Mean for participants with lowest 10% PGS for Life satisfaction
- Fit for lowest 10% PGS for Life satisfaction
- Mean for participants with average PGS for Life satisfaction
- Fit for median PGS for Life satisfaction
- Mean for participants with highest 10% PGS for Life satisfaction
- Fit for highest 10% PGS for Life satisfaction

HumanCytoSNP–12

Global Screening Array

Contribution of Life satisfaction PGS on Felt tired
Model fitted on 'Felt tired' stratified by 'Neuroticism'

Interaction P−value: $7.51 \times 10^{-3}$ Z−score: 2.67

HumanCytoSNP−12

Global Screening Array

Felt tired

Mean for participants with lowest 10% PGS for Neuroticism
Mean for participants with average PGS for Neuroticism
Mean for participants with highest 10% PGS for Neuroticism

Fit for lowest 10% PGS for Neuroticism
Fit for median PGS for Neuroticism
Fit for highest 10% PGS for Neuroticism
Model fitted on 'Was easily tired' stratified by 'Life satisfaction'

Interaction P-value: $6.78 \times 10^{-3}$ Z-score: $-2.71$

Mean for participants with lowest 10% PGS for Life satisfaction
Mean for participants with average PGS for Life satisfaction
Mean for participants with highest 10% PGS for Life satisfaction

Fit for lowest 10% PGS for Life satisfaction
Fit for median PGS for Life satisfaction
Fit for highest 10% PGS for Life satisfaction

HumanCytoSNP-12
Global Screening Array

Contribution of Life satisfaction PGS on Was easily tired
Model fitted on 'Was easily tired' stratified by 'Neuroticism'

Interaction P-value: $5.58 \times 10^{-3}$ Z-score: 2.77

HumanCytoSNP–12

Global Screening Array

Contribution of Neuroticism PGS on 'Was easily tired'
Model fitted on 'Felt physically exhausted' stratified by 'Life satisfaction'

Interaction P–value: 0.01 Z–score: −2.56

Mean for participants with lowest 10% PGS for Life satisfaction

Mean for participants with average PGS for Life satisfaction

Mean for participants with highest 10% PGS for Life satisfaction

30–Mar–2020

08–Jul–2020

16–Oct–2020

31–Jan–2021

1.6

1.7

1.8

1.9

2.0

2.1

2.2

Contribution of Life satisfaction PGS on Felt physically exhausted

30–Mar–2020

08–Jul–2020

16–Oct–2020

31–Jan–2021

1.6

1.7

1.8

1.9

2.0

2.1

2.2

Contribution of Life satisfaction PGS on Felt physically exhausted
Model fitted on 'Ever positive SARS-CoV-2 PCR test' stratified by 'COVID-19 susceptibility'

Interaction P-value: $5.15 \times 10^{-30}$  Z-score: $-11.38$

Mean for participants with lowest 10% PGS for COVID-19 susceptibility
Mean for participants with average PGS for COVID-19 susceptibility
Mean for participants with highest 10% PGS for COVID-19 susceptibility

Fit for lowest 10% PGS for COVID-19 susceptibility
Fit for median PGS for COVID-19 susceptibility
Fit for highest 10% PGS for COVID-19 susceptibility

HumanCytoSNP-12

Global Screening Array

Contribution of COVID-19 susceptibility PGS on Ever positive SARS-CoV-2 PCR test

0.00 0.02 0.04 0.06 0.08 0.10

Global Screening Array

Contribution of COVID-19 susceptibility PGS on Ever positive SARS-CoV-2 PCR test

0.2 0.4 0.6 0.8

Global Screening Array

Contribution of COVID-19 susceptibility PGS on Ever positive SARS-CoV-2 PCR test

0.2 0.4 0.6 0.8

HumanCytoSNP-12

Contribution of COVID-19 susceptibility PGS on Ever positive SARS-CoV-2 PCR test

0.2 0.4 0.6 0.8

HumanCytoSNP-12

Contribution of COVID-19 susceptibility PGS on Ever positive SARS-CoV-2 PCR test

0.2 0.4 0.6 0.8

Mean for participants with lowest 10% PGS for COVID-19 susceptibility
Mean for participants with average PGS for COVID-19 susceptibility
Mean for participants with highest 10% PGS for COVID-19 susceptibility

Fit for lowest 10% PGS for COVID-19 susceptibility
Fit for median PGS for COVID-19 susceptibility
Fit for highest 10% PGS for COVID-19 susceptibility