**Table. Genetic Trait Orthogonality Analysis**

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| --- | --- | --- |
| Trait Pair | Correlation | Strength |
| Nasal Width vs PRS | –0.22 | Weak |
| Cheekbone Height vs Dopamine Sensitivity | –0.21 | Weak |
| Philtrum Depth vs Perceptual Reactivity | –0.19 | Weak |
| Jaw Angle vs PRS | –0.18 | Weak |
| Chin Projection vs Amygdala Reactivity | –0.15 | Weak |
| Lip Fullness vs Skin Elasticity | –0.13 | Weak |
| Eye Width vs Social Reward Processing | –0.11 | Weak |
| Forehead Slope vs OXTR Sensitivity | –0.08 | Negligible |
| Nasal Width vs Emotional Reactivity | –0.12 | Weak |
| Jaw Angle vs Lip Fullness | +0.08 | Negligible |
| Chin Projection vs Reward Sensitivity | +0.07 | Negligible |
| Lip Fullness vs PRS | +0.05 | Negligible |