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| --- | --- | --- | --- |
| Sib pair | GRM | Frequency |  |
|  |  |  | 0 |
|  |  |  |  |
|  |  |  |  |
|  |  |  | 0 |
|  |  |  |  |
|  |  |  | 0 |

**Question 1: Haseman-Elston regression for sib pair using IBS**

in which

Of note, , and .

|  |  |  |
| --- | --- | --- |
| Mating type | Frequency |  |
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