**SUPPLEMENTARY TABLE 1: Modifying effect of fever on the associations between age at first vaccination or type of vaccine and antibody response**

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| --- | --- | --- | --- | --- | --- |
| **Model:** |  | | | | |
| **Parameter** | | **DF** | **F value** | **t-test** | **p-value** |
| Age (4 categories, ref=12 months) | | 3 | 38.00 |  | <0.001 |
| Fever (quantitative with 5 categories) | | 1 | 286.59 |  | <0.001 |
| Age\*Fever | | 3 | 7.12 |  | <0.001 |
| 11months\*fever  13-14months\*fever  15-22months\*fever | |  |  | 3.77  0.10  -1.28 | <0.001  0.92  0.20 |
| **Model:** |  | | | | |
| **Parameter** | | **DF** | **F value** | **t-test** | **p-value** |
| Vaccine MMRV (ref=MMR) | | 1 | 155.37 |  | <0.001 |
| Fever (quantitative with 5 categories) | | 1 | 277.42 |  | <0.001 |
| Vaccine\*Fever | | 1 | 0.01 |  | 0.93 |

Abbreviations: DF=Degrees of freedom; MMRV=Measles-Mumps-Rubella-Varicella vaccine; MMR=Measles-Mumps-Rubella vaccine