		Parent (1)				Parent (2)				Hybrid (3)				Truth
HPH	Feature 1	3	4	2	1	0	0	1	0	700	900	825	860	1
HPH	Feature 2	0	1	1	0	2	7	5	18	50	501	400	90	1
	Feature 3	100	225	0	15	300	106	200	400	70	279	100	123	0
LPH	Feature 4	893	400	760	901	1000	513	760	580	5	5	6	7	1
	…	…	…	…	…	…	…	…	…	…	…	…	…	…
	Feature 25000	10	13	6	4	902	912	999	825	819	761	800	465	0

Normalization factors

c_1	c_2	c_3	c_4	c_5	c_6	c_7	c_8	c_9	c_{10}	c_{11}	c_{12}

Main effects and dispersions

Parent (1)	Parent (2)	Hybrid (3)	Dispersion
$\mu_{1,1}$	$\mu_{1,2}$	$\mu_{1,3}$	ϕ_1
$\mu_{2,1}$	$\mu_{2,2}$	$\mu_{2,3}$	ϕ_2
...	...	...	...
$\mu_{27888,1}$	$\mu_{27888,2}$	$\mu_{27888,3}$	ϕ_{27888}

Feature 1	$I(\mu_{1,3} > \max(\mu_{1,1}, \mu_{1,2}) \text{ or } < \min(\mu_{1,1}, \mu_{1,2}))$
Feature 2	$I(\mu_{2,3} > \max(\mu_{2,1}, \mu_{2,2}) \text{ or } < \min(\mu_{2,1}, \mu_{2,2}))$
...	...
Feature 27888	$I(\mu_{27888,3} > \max(\mu_{27888,1}, \mu_{27888,2}) \text{ or } < \min(\mu_{2,1}, \mu_{27888,2}))$

$\mathrm{NB}(e^{c_1+\mu_{1,1}}, \phi_1)$	$\mathrm{NB}(e^{c_2+\mu_{1,1}}, \phi_1)$	$\mathrm{NB}(e^{c_3+\mu_{1,1}}, \phi_1)$	$\mathrm{NB}(e^{c_4+\mu_{1,1}}, \phi_1)$
$\mathrm{NB}(e^{c_1+\mu_{2,1}}, \phi_2)$	$\mathrm{NB}(e^{c_2+\mu_{2,1}}, \phi_2)$	$\mathrm{NB}(e^{c_3+\mu_{2,1}}, \phi_2)$	$\mathrm{NB}(e^{c_4+\mu_{2,1}}, \phi_2)$
$\ldots$	$\ldots$	$\ldots$	$\ldots$
$\mathrm{NB}(e^{c_1+\mu_{27888,1}}, \phi_{27888})$	$\mathrm{NB}(e^{c_2+\mu_{27888,1}}, \phi_{27888})$	$\mathrm{NB}(e^{c_3+\mu_{27888,1}}, \phi_{27888})$	$\mathrm{NB}(e^{c_4+\mu_{27888,1}}, \phi_{27888})$