## SI & SD noise, E stability experiment

 $X^{2}Y^{2}Z^{1}$   $X^{3}Y^{1}Z^{1}$ 

 $X^{1}Y^{1}Z^{1}$ 

 $X^{1}Y^{1}Z^{2}$ ,  $X^{1}Y^{2}Z^{1}$ ,  $X^{2}Y^{1}Z^{1}$ 

```
X^{1}Z^{3}
X^1Z^2 - X^3Z^3
X^2Z^3. X^3Z^2
X^{1}Z^{1} X^{2}Z^{2} X^{3}Z^{1}
X^2Z^1
X^{1}Y^{3}Z^{3}, X^{3}Y^{1}Z^{3}, X^{3}Y^{3}Z^{1}
X^{1}Y^{2}Z^{3} , X^{1}Y^{3}Z^{2} , X^{2}Y^{1}Z^{3} , X^{2}Y^{3}Z^{1} ,
X^{3}Y^{1}Z^{2}, X^{3}Y^{2}Z^{1}, X^{3}Y^{3}Z^{3}
X^{1}Y^{1}Z^{3}, X^{1}Y^{2}Z^{2}, X^{1}Y^{3}Z^{1}, X^{2}Y^{1}Z^{2}, X^{2}Y^{2}Z^{1}, X^{2}Y^{3}Z^{3}, X^{3}Y^{1}Z^{1}, X^{3}Y^{2}Z^{3}, X^{3}Y^{3}Z^{2}
X^2Y^2Z^3. X^2Y^3Z^2. X^3Y^2Z^2
X^{1}Y^{1}Z^{1}, X^{1}Y^{1}Z^{2}, X^{1}Y^{2}Z^{1}, X^{2}Y^{1}Z^{1}, X^{2}Y^{1}Z^{1},
```

## EM noise, E stability experiment

```
X^{1}Z^{3}
X^{1}Z^{2}, X^{3}Z^{3}
X^2Z^3 \quad X^3Z^2
X^1Z^1, X^2Z^2, X^3Z^1
X^{2}Z^{1}
X^{3}Y^{3}Z^{3}
X^{2}Y^{3}Z^{3}, X^{3}Y^{2}Z^{3}, X^{3}Y^{3}Z^{2}
X^{1}Y^{3}Z^{3}, X^{2}Y^{2}Z^{3}, X^{2}Y^{3}Z^{2}, X^{3}Y^{1}Z^{3},
X^3Y^2Z^2, X^3Y^3Z^1
X^{1}Y^{2}Z^{3}, X^{1}Y^{3}Z^{2}, X^{2}Y^{1}Z^{3}, X^{2}Y^{2}Z^{2}, X^{2}Y^{3}Z^{1}, X^{3}Y^{1}Z^{2}, X^{3}Y^{2}Z^{1}
X^{1}Y^{1}Z^{3}, X^{1}Y^{2}Z^{2}, X^{1}Y^{3}Z^{1}, X^{2}Y^{1}Z^{2},
X^{2}Y^{2}Z^{1}, X^{3}Y^{1}Z^{1}
X^{1}Y^{1}Z^{2}, X^{1}Y^{2}Z^{1}, X^{2}Y^{1}Z^{1}
X^{1}Y^{1}Z^{1}
                                                                                             1/2
              1/10
                                   1/5
                                                     3/10
                                                                         2/5
```

Slope of timelike distance:  $t_E/h$ 

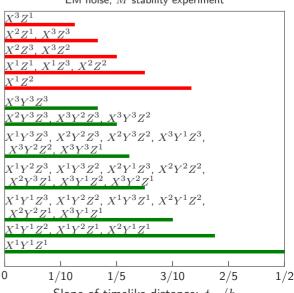
Phenomenological noise, M stability experiment

```
X^{3}Z^{1}
X^2Z^1 - X^3Z^3
X^2Z^3. X^3Z^2
X^1Z^1 X^1Z^3 X^2Z^2
X^{1}Z^{2}
x^3v^3z^3
X^{2}Y^{3}Z^{3}, X^{3}Y^{2}Z^{3}, X^{3}Y^{3}Z^{2}
X^{1}Y^{3}Z^{3}, X^{2}Y^{2}Z^{3}, X^{2}Y^{3}Z^{2}, X^{3}Y^{1}Z^{3}
 X^{3}Y^{2}Z^{2}. X^{3}Y^{3}Z^{1}
X^{1}Y^{2}Z^{3}, X^{1}Y^{3}Z^{2}, X^{2}Y^{1}Z^{3}, X^{2}Y^{2}Z^{2}
 X^{2}Y^{3}Z^{1}, X^{3}Y^{1}Z^{2}, X^{3}Y^{2}Z^{1}
X^{1}Y^{1}Z^{3}, X^{1}Y^{2}Z^{2}, X^{1}Y^{3}Z^{1}, X^{2}Y^{1}Z^{2},
 X^{2}Y^{2}Z^{1}. X^{3}Y^{1}Z^{1}
X^{1}Y^{1}Z^{2}, X^{1}Y^{2}Z^{1}, X^{2}Y^{1}Z^{1}
X^{1}Y^{1}Z^{1}
```

SI & SD noise noise, M stability experiment

```
X^3Z^1
X^2Z^1, X^3Z^3
X^2Z^3. X^3Z^2
X^1Z^1 X^1Z^3 X^2Z^2
X^1Z^2
X^{1}Y^{3}Z^{3}, X^{3}Y^{1}Z^{3}, X^{3}Y^{3}Z^{1}
X^{1}Y^{2}Z^{3}, X^{1}Y^{3}Z^{2}, X^{2}Y^{1}Z^{3}, X^{2}Y^{3}Z^{1},
 X^{3}Y^{1}Z^{2}, X^{3}Y^{2}Z^{1}, X^{3}Y^{3}Z^{3}
X^{1}Y^{1}Z^{3}, X^{1}Y^{2}Z^{2}, X^{1}Y^{3}Z^{1}, X^{2}Y^{1}Z^{2}
 X^{2}Y^{2}Z^{1}, X^{2}Y^{3}Z^{3}, X^{3}Y^{1}Z^{1}, X^{3}Y^{2}Z^{3}, X^{3}Y^{3}Z^{2}
X^{2}Y^{2}Z^{3}, X^{2}Y^{3}Z^{2}, X^{3}Y^{2}Z^{2}
X^{1}Y^{1}Z^{1}, X^{1}Y^{1}Z^{2}, X^{1}Y^{2}Z^{1}, X^{2}Y^{1}Z^{1}, X^{2}Y^{1}Z^{1},
```

## EM noise, M stability experiment



Slope of timelike distance:  $t_M/h$