Table of codimension 4 Fanos in cluster format

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In the 'Candidate' column we list the GRDB ID, ambient space, and basket of the candidate, 'index' is the Fano index, N refers to the number of constructions found. The final two columns display each construction in C_2 or $\mathsf{G}_2^{(4)}$ format. In general, C_2 formats are displayed as $\left(\begin{smallmatrix}\theta_{12} & \theta_{23} & \theta_{31} \\ A_{12} & A_{23} & A_{31}\end{smallmatrix}\middle|\begin{smallmatrix}\theta_1 & \theta_2 & \theta_3 \\ A_1 & A_2 & A_3\end{smallmatrix}\middle|\lambda\right)$, and G_2 formats are $\left(\begin{smallmatrix}\theta_{12} & \theta_{23} & \theta_{34} & \theta_{41} \\ A_{12} & A_{23} & A_{34} & A_{41}\end{smallmatrix}\middle|\begin{smallmatrix}\theta_1 & \theta_2 & \theta_3 & \theta_4 \\ A_1 & A_2 & A_3 & A_4\end{smallmatrix}\middle|\begin{smallmatrix}\lambda_{13} \\ \lambda_{24}\end{smallmatrix}\right)$, with $d(A_{12}) = d(A_{34}) = 0$ because we are in codimension 4. If $d(\lambda) = 0$ then C_2-format specialises to $\mathbb{P}^2 \times \mathbb{P}^2$ format. If exactly one (respectively both) of $d(\lambda_{13})$ and $d(\lambda_{24})$ is 0 then $\mathsf{G}_2^{(4)}$-format specialises to Rolling factors format (resp. $(\mathbb{P}^1)^3$-format).

Codimension 4 Fano 3-folds of index 1

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
25	$X \subset \mathbb{P}(2,5,6,7,8,9,10,11)$	1	C_2	$\left(\begin{smallmatrix}8 & 10 & 12 \\ 8 & 7 & 9\end{smallmatrix}\middle|\begin{smallmatrix}10 & 6 & 11 \\ 0 & 6 & 0\end{smallmatrix}\middle|\begin{smallmatrix}3\end{smallmatrix}\right)$
	$7 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ \frac{1}{7}(1,2,5)$			
38	$X \subset \mathbb{P}(2,3,4,5,6,7,8,9)$	1	C_2	$\left(\begin{smallmatrix}4 & 8 & 10 \\ 8 & 6 & 6\end{smallmatrix}\middle|\begin{smallmatrix}7 & 5 & 9 \\ 0 & 2 & 0\end{smallmatrix}\middle|\begin{smallmatrix}1\end{smallmatrix}\right)$
	$7 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{8}(1,3,5)$			
166	$X \subset \mathbb{P}(2,2,3,3,4,4,5,5)$	0	None	
	$11 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2)$			
282	$X \subset \mathbb{P}(1,6,6,7,8,9,10,11)$	2	C_2	$\left(\begin{smallmatrix}8 & 10 & 12 \\ 8 & 7 & 9\end{smallmatrix}\middle|\begin{smallmatrix}10 & 6 & 11 \\ 0 & 6 & 0\end{smallmatrix}\middle|\begin{smallmatrix}3\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2),\ \frac{1}{6}(1,1,5)\ldots$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}15 & 9 & 21 & 12 \\ 0 & 7 & 0 & 8\end{smallmatrix}\middle|\begin{smallmatrix}9 & 6 & 10 & 11 \\ 0 & 6 & 0 & 0\end{smallmatrix}\middle|\begin{smallmatrix}2 \\ 4\end{smallmatrix}\right)$
308	$X \subset \mathbb{P}(1,5,6,6,7,8,9,10)$	0	None	
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3)\ldots$			
327	$X \subset \mathbb{P}(1,5,5,6,7,8,9,11)$	2	C_2	$\left(\begin{smallmatrix}7 & 9 & 11 \\ 7 & 6 & 8\end{smallmatrix}\middle|\begin{smallmatrix}9 & 5 & 10 \\ 0 & 6 & 0\end{smallmatrix}\middle|\begin{smallmatrix}3\end{smallmatrix}\right)$
	$2 \times \frac{1}{5}(1,2,3),\ \frac{1}{11}(1,5,6)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13 & 8 & 19 & 11 \\ 0 & 6 & 0 & 7\end{smallmatrix}\middle|\begin{smallmatrix}8 & 5 & 9 & 10 \\ 0 & 6 & 0 & 0\end{smallmatrix}\middle|\begin{smallmatrix}2 \\ 4\end{smallmatrix}\right)$
342	$X \subset \mathbb{P}(1,4,6,7,7,8,9,10)$	1	C_2	$\left(\begin{smallmatrix}10 & 8 & 10 \\ 4 & 7 & 7\end{smallmatrix}\middle|\begin{smallmatrix}8 & 6 & 9 \\ 4 & 6 & 0\end{smallmatrix}\middle|\begin{smallmatrix}5\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{7}(1,1,6)\ldots$			
360	$X \subset \mathbb{P}(1,4,5,6,7,7,8,9)$	1	Rolling	$\left(\begin{smallmatrix}17 & 6 & 13 & 10 \\ 0 & 7 & 0 & 7\end{smallmatrix}\middle|\begin{smallmatrix}9 & 8 & 5 & 8 \\ 0 & -1 & 4 & -1\end{smallmatrix}\middle|\begin{smallmatrix}2 \\ 0\end{smallmatrix}\right)$
	$2 \times \frac{1}{4}(1,1,3),\ \frac{1}{6}(1,1,5),\ \frac{1}{7}(1,2,5)$			
368	$X \subset \mathbb{P}(1,4,5,6,6,7,8,9)$	2	C_2	$\left(\begin{smallmatrix}6 & 8 & 10 \\ 6 & 5 & 7\end{smallmatrix}\middle|\begin{smallmatrix}8 & 4 & 9 \\ 0 & 6 & 0\end{smallmatrix}\middle|\begin{smallmatrix}3\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)\ldots$		Rolling	$\left(\begin{smallmatrix}17 & 6 & 12 & 10 \\ 0 & 6 & 0 & 7\end{smallmatrix}\middle|\begin{smallmatrix}9 & 8 & 4 & 8 \\ 0 & -1 & 6 & -2\end{smallmatrix}\middle|\begin{smallmatrix}3 \\ 0\end{smallmatrix}\right)$
393	$X \subset \mathbb{P}(1,4,5,5,6,7,8,9)$	0	None	
	$\frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ \frac{1}{5}(1,2,3)\ldots$			
455	$X \subset \mathbb{P}(1,4,4,5,6,7,9,13)$	2	C_2	$\left(\begin{smallmatrix}5 & 7 & 13 \\ 8 & 7 & 6\end{smallmatrix}\middle|\begin{smallmatrix}9 & 4 & 10 \\ 0 & 4 & 0\end{smallmatrix}\middle|\begin{smallmatrix}2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{13}(1,4,9)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}14 & 6 & 15 & 13 \\ 0 & 6 & 0 & 4\end{smallmatrix}\middle|\begin{smallmatrix}9 & 5 & 7 & 8 \\ 0 & 5 & 0 & 4\end{smallmatrix}\middle|\begin{smallmatrix}3 \\ 6\end{smallmatrix}\right)$
501	$X \subset \mathbb{P}(1,3,6,7,8,8,9,10)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}15 & 6 & 18 & 12 \\ 0 & 8 & 0 & 7\end{smallmatrix}\middle|\begin{smallmatrix}9 & 6 & 8 & 10 \\ 0 & 3 & 0 & 0\end{smallmatrix}\middle|\begin{smallmatrix}1 \\ 2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 4 \times \frac{1}{3}(1,1,2),\ \frac{1}{8}(1,1,7)$			
511	$X \subset \mathbb{P}(1,3,5,6,7,8,11,14)$	2	C_2	$\left(\begin{smallmatrix}7 & 8 & 14 \\ 7 & 8 & 6\end{smallmatrix}\middle|\begin{smallmatrix}9 & 5 & 11 \\ 3 & 5 & 0\end{smallmatrix}\middle|\begin{smallmatrix}4\end{smallmatrix}\right)$

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Codimension 4 Fano 3-folds of index 1

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
	$\frac{1}{6}(1,1,5),\ \frac{1}{14}(1,3,11)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}16&5&19&14\\0&9&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}10&6&8&11\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
512	$X \subset \mathbb{P}(1,3,5,6,7,7,8,9)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}12&9&15&9\\0&3&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&5&7&8\\0&6&3&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\5\end{smallmatrix}\right)$
	$3 \times \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3),\ \frac{1}{7}(1,1,6)$			
549	$X \subset \mathbb{P}(1,3,4,5,6,7,10,13)$	2	C_2	$\left(\begin{smallmatrix}5&7&13\\8&7&6\end{smallmatrix}\middle\vert\begin{smallmatrix}9&4&10\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ \frac{1}{13}(1,3,10)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}14&4&17&13\\0&8&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}9&5&7&10\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
550	$X \subset \mathbb{P}(1,3,4,5,6,6,7,8)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&6&15&9\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7&8\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 3 \times \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)\ldots$			
569	$X \subset \mathbb{P}(1,3,4,5,5,6,7,9)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}12&7&11&9\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}7&5&6&5\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\6\end{smallmatrix}\right)$
	$2 \times \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3),\ \frac{1}{9}(1,4,5)$			
570	$X \subset \mathbb{P}(1,3,4,5,5,6,7,8)$	2	C_2	$\left(\begin{smallmatrix}7&6&8\\3&5&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&7\\3&5&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3),\ \frac{1}{5}(1,1,4)\ldots$		Rolling	$\left(\begin{smallmatrix}13&6&11&8\\0&5&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&7&4&7\\3&-2&5&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\0\end{smallmatrix}\right)$
574	$X \subset \mathbb{P}(1,3,4,5,5,6,7,7)$	1	Rolling	$\left(\begin{smallmatrix}13&5&11&8\\0&5&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&6&4&7\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4),\ \frac{1}{5}(1,2,3)\ldots$			
577	$X \subset \mathbb{P}(1,3,4,5,5,6,6,7)$	1	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}5&6&7\\5&6&7\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&8\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 3 \times \frac{1}{3}(1,1,2),\ 2 \times \frac{1}{5}(1,1,4)$			
642	$X \subset \mathbb{P}(1,3,4,4,5,6,7,11)$	0	None	
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)\ldots$			
644	$X \subset \mathbb{P}(1,3,4,4,5,6,7,10)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&4&14&10\\0&6&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&4&6&8\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 2 \times \frac{1}{4}(1,1,3),\ \frac{1}{10}(1,3,7)$			
645	$X \subset \mathbb{P}(1,3,4,4,5,6,7,7)$	2	C_2	$\left(\begin{smallmatrix}5&7&7\\5&4&6\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&7\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ 2 \times \frac{1}{7}(1,3,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&7&11&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&6&5\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
648	$X \subset \mathbb{P}(1,3,4,4,5,5,6,7)$	2	C_2	$\left(\begin{smallmatrix}4&6&8\\5&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ 3 \times \frac{1}{4}(1,1,3),\ \frac{1}{5}(1,2,3)$		Rolling	$\left(\begin{smallmatrix}13&4&9&8\\0&5&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&6&3&6\\0&-1&4&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
869	$X \subset \mathbb{P}(1,3,3,4,5,7,10,13)$	2	C_2	$\left(\begin{smallmatrix}5&7&13\\5&6&4\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&10\\4&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}5\end{smallmatrix}\right)$
	$2 \times \frac{1}{3}(1,1,2),\ \frac{1}{13}(1,3,10)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&4&17&13\\0&6&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}8&3&7&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
872	$X \subset \mathbb{P}(1,3,3,4,5,5,6,7)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&3&12&9\\0&5&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&5&7\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
	$5 \times \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4)$			
878	$X \subset \mathbb{P}(1,3,3,4,4,5,5,6)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&7\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
	$4 \times \frac{1}{3}(1,1,2),\ 2 \times \frac{1}{4}(1,1,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&6&9&6\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&5&4\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
1069	$X \subset \mathbb{P}(1,2,6,7,8,9,9,10)$	1	C_2	$\left(\begin{smallmatrix}6&8&12\\9&8&7\end{smallmatrix}\middle\vert\begin{smallmatrix}9&6&10\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$5 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{9}(1,1,8)$			
1082	$X \subset \mathbb{P}(1,2,5,6,7,9,11,13)$	3	C_2	$\left(\begin{smallmatrix}5&9&13\\10&8&7\end{smallmatrix}\middle\vert\begin{smallmatrix}9&6&11\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$\frac{1}{6}(1,1,5),\ \frac{1}{13}(1,2,11)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&7&20&13\\0&7&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}8&5&9&11\\2&5&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}12&9&23&9\\0&6&0&11\end{smallmatrix}\middle\vert\begin{smallmatrix}7&5&10&13\\0&6&2&-7\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1084	$X \subset \mathbb{P}(1,2,5,6,7,8,8,9)$	1	C_2	$\left(\begin{smallmatrix}6&8&10\\6&5&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&4&9\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,2,3),\ \frac{1}{8}(1,1,7)$			
1091	$X \subset \mathbb{P}(1,2,5,6,7,7,8,9)$	2	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}12&8&15&9\\0&4&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&5&7&8\\0&5&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{7}(1,1,6),\ \frac{1}{9}(1,2,7)$		Rolling	$\left(\begin{smallmatrix}12&6&17&9\\0&6&0&8\end{smallmatrix}\middle\vert\begin{smallmatrix}7&5&7&10\\0&3&2&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1115	$X \subset \mathbb{P}(1,2,4,5,6,7,7,8)$	1	C_2	$\left(\begin{smallmatrix}4&6&10\\7&6&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&4&8\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index 1

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
	$5 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{7}(1,1,6)$			
1122	$X \subset \mathbb{P}(1,2,4,5,5,6,6,7)$	1	C_2	$\left(\begin{smallmatrix}4&6&8\\6&5&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&7\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$5 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ \frac{1}{6}(1,1,5)$			
1158	$X \subset \mathbb{P}(1,2,3,5,5,7,12,17)$	2	C_2	$\left(\begin{smallmatrix}3&7&17\\9&7&5\end{smallmatrix}\middle\vert\begin{smallmatrix}10&2&12\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{17}(1,5,12)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&2&19&17\\0&8&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}10&3&7&12\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
1167	$X \subset \mathbb{P}(1,2,3,4,5,7,9,11)$	3	C_2	$\left(\begin{smallmatrix}3&7&11\\8&6&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&4&9\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3),\ \frac{1}{11}(1,2,9)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&5&16&11\\0&5&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7&9\\2&5&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}8&7&19&7\\0&4&0&9\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&8&11\\0&6&2&-7\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1169	$X \subset \mathbb{P}(1,2,3,4,5,7,7,9)$	2	C_2	$\left(\begin{smallmatrix}7&5&9\\2&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7\\4&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}5\\\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{7}(1,3,4),\ \frac{1}{9}(1,2,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&7&12&9\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&5&7\\3&4&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}6\\5\end{smallmatrix}\right)$
1172	$X \subset \mathbb{P}(1,2,3,4,5,6,6,7)$	1	C_2	$\left(\begin{smallmatrix}4&6&8\\4&3&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&7\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2),\ \frac{1}{6}(1,1,5)$			
1181	$X \subset \mathbb{P}(1,2,3,4,5,5,7,12)$	0	None	
	$\frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{12}(1,5,7)$			
1182	$X \subset \mathbb{P}(1,2,3,4,5,5,7,9)$	3	C_2	$\left(\begin{smallmatrix}5&5&9\\4&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7\\2&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\\end{smallmatrix}\right)$
	$\frac{1}{4}(1,1,3),\ \frac{1}{5}(1,2,3),\ \frac{1}{9}(1,2,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&5&12&9\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&5&7\\3&2&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}8&5&15&7\\0&4&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6&9\\0&4&2&-5\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1183	$X \subset \mathbb{P}(1,2,3,4,5,5,7,7)$	2	C_2	$\left(\begin{smallmatrix}3&7&7\\6&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&7\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\\end{smallmatrix}\right)$
	$\frac{1}{4}(1,1,3),\ 2 \times \frac{1}{7}(1,2,5)$		Rolling	$\left(\begin{smallmatrix}8&7&13&5\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}3&5&6&7\\4&0&2&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
1185	$X \subset \mathbb{P}(1,2,3,4,5,5,6,8)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&13&8\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6&7\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ \frac{1}{8}(1,3,5)$			
1186	$X \subset \mathbb{P}(1,2,3,4,5,5,6,7)$	2	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&6&11&7\\0&2&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&5&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4)\ldots$		Rolling	$\left(\begin{smallmatrix}8&4&13&7\\0&4&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&8\\0&3&2&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1218	$X \subset \mathbb{P}(1,2,3,4,5,5,5,6)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&7\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ 2 \times \frac{1}{5}(1,2,3)$		Rolling	$\left(\begin{smallmatrix}8&6&11&5\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&5&5&6\\4&-1&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
1251	$X \subset \mathbb{P}(1,2,3,4,4,5,7,11)$	2	C_2	$\left(\begin{smallmatrix}3&5&11\\6&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}7&2&8\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ \frac{1}{11}(1,4,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}10&2&13&11\\0&6&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&5&8\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
1253	$X \subset \mathbb{P}(1,2,3,4,4,5,5,7)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&7\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{4}(1,1,3),\ \frac{1}{7}(1,2,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&4&11&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
1256	$X \subset \mathbb{P}(1,2,3,4,4,5,5,6)$	1	C_2	$\left(\begin{smallmatrix}4&6&6\\4&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5\\0&4&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)\ldots$			
1350	$X \subset \mathbb{P}(1,2,3,4,4,4,5,5)$	2	C_2	$\left(\begin{smallmatrix}4&4&6\\4&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ 3 \times \frac{1}{4}(1,1,3)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}7&4&11&5\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&5&6\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
1392	$X \subset \mathbb{P}(1,2,3,3,4,5,8,11)$	2	C_2	$\left(\begin{smallmatrix}4&5&11\\4&5&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&8\\3&5&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{11}(1,3,8)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}10&2&13&11\\0&6&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&5&8\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
1395	$X \subset \mathbb{P}(1,2,3,3,4,5,7,9)$	2	C_2	$\left(\begin{smallmatrix}3&5&9\\6&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\\end{smallmatrix}\right)$
	$3 \times \frac{1}{3}(1,1,2),\ \frac{1}{9}(1,2,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&3&12&9\\0&5&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&5&7\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
1397	$X \subset \mathbb{P}(1,2,3,3,4,5,5,8)$	1	C_2	$\left(\begin{smallmatrix}4&5&8\\4&3&2\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5\\2&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index 1

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3)\dots$			
1401	$X \subset \mathbb{P}(1,2,3,3,4,5,5,7)$	2	C_2	$\left(\begin{smallmatrix}3&5&7\\5&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$2\times\frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3),\ \frac{1}{7}(1,2,5)$		Rolling	$\left(\begin{smallmatrix}11&3&8&7\\0&5&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&3&5\\0&-1&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1405	$X \subset \mathbb{P}(1,2,3,3,4,5,5,5)$	2	C_2	$\left(\begin{smallmatrix}5&5&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\2\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ 3\times\frac{1}{5}(1,2,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&10&5\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&5&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
1410	$X \subset \mathbb{P}(1,2,3,3,4,4,5,7)$	2	C_2	$\left(\begin{smallmatrix}3&5&7\\4&3&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$3\times\frac{1}{2}(1,1,1),\ 2\times\frac{1}{3}(1,1,2),\ \frac{1}{7}(1,3,4)$		Rolling	$\left(\begin{smallmatrix}11&3&7&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&2&5\\0&-1&4&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
1413	$X \subset \mathbb{P}(1,2,3,3,4,4,5,5)$	2	$\mathbb{P}^2\times\mathbb{P}^2$	$\left(\begin{smallmatrix}4&4&5\\3&5&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&6\\1&2&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$2\times\frac{1}{2}(1,1,1),\ 2\times\frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)\dots$		Rolling	$\left(\begin{smallmatrix}9&3&8&6\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&3&5\\0&0&2&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
1766	$X \subset \mathbb{P}(1,2,3,3,3,4,4,5)$	2	$\mathbb{P}^2\times\mathbb{P}^2$	$\left(\begin{smallmatrix}3&4&5\\3&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&6\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$2\times\frac{1}{2}(1,1,1),\ 5\times\frac{1}{3}(1,1,2)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&3&9&6\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
2405	$X \subset \mathbb{P}(1,2,2,3,5,7,9,11)$	3	C_2	$\left(\begin{smallmatrix}3&7&11\\6&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&2&9\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$3\times\frac{1}{2}(1,1,1),\ \frac{1}{11}(1,2,9)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&16&11\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&7&9\\3&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\5\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}16&3&9&11\\0&6&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}9&7&2&7\\0&-2&6&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
2410	$X \subset \mathbb{P}(1,2,2,3,4,5,5,6)$	1	C_2	$\left(\begin{smallmatrix}2&4&8\\5&4&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$7\times\frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4)$			
2421	$X \subset \mathbb{P}(1,2,2,3,3,4,5,8)$	2	C_2	$\left(\begin{smallmatrix}2&4&8\\5&4&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$5\times\frac{1}{2}(1,1,1),\ \frac{1}{8}(1,3,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&2&10&8\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&4&6\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
2422	$X \subset \mathbb{P}(1,2,2,3,3,4,5,7)$	3	$\mathbb{P}^2\times\mathbb{P}^2$	$\left(\begin{smallmatrix}3&4&6\\3&5&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&7\\1&3&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$4\times\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{7}(1,2,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&4&7&7\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&3&4\\0&3&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}6&3&11&6\\0&3&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&7\\0&3&2&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
2427	$X \subset \mathbb{P}(1,2,2,3,3,4,5,5)$	4	C_2	$\left(\begin{smallmatrix}4&5&5\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&4\\3&3&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\2\end{smallmatrix}\right)$
	$4\times\frac{1}{2}(1,1,1),\ 2\times\frac{1}{5}(1,2,3)$		$\mathbb{P}^2\times\mathbb{P}^2$	$\left(\begin{smallmatrix}3&4&5\\3&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&6\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&7&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&4&3\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}6&3&10&5\\0&3&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&6\\-1&3&1&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
2438	$X \subset \mathbb{P}(1,2,2,3,3,4,4,5)$	2	C_2	$\left(\begin{smallmatrix}2&4&6\\4&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$6\times\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)$		Rolling	$\left(\begin{smallmatrix}9&2&6&6\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&2&4\\0&-1&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
2511	$X \subset \mathbb{P}(1,2,2,3,3,3,4,4)$	2	C_2	$\left(\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&3\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\2\end{smallmatrix}\right)$
	$5\times\frac{1}{2}(1,1,1),\ 3\times\frac{1}{3}(1,1,2)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}5&3&9&4\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&5\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
3509	$X \subset \mathbb{P}(1,2,2,2,3,3,3,4)$	2	C_2	$\left(\begin{smallmatrix}2&4&4\\3&2&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
	$8\times\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2)$		Rolling	$\left(\begin{smallmatrix}5&4&7&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&3&3&4\\2&0&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
4797	$X \subset \mathbb{P}(1,1,6,8,9,10,11,12)$	3	C_2	$\left(\begin{smallmatrix}8&10&12\\8&7&9\end{smallmatrix}\middle\vert\begin{smallmatrix}10&6&11\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{12}(1,1,11)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}15&9&21&12\\0&7&0&8\end{smallmatrix}\middle\vert\begin{smallmatrix}9&6&10&11\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}21&8&16&12\\0&8&0&9\end{smallmatrix}\middle\vert\begin{smallmatrix}11&10&6&10\\0&-1&6&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
4810	$X \subset \mathbb{P}(1,1,5,7,8,9,10,11)$	3	C_2	$\left(\begin{smallmatrix}7&9&11\\7&6&8\end{smallmatrix}\middle\vert\begin{smallmatrix}9&5&10\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{5}(1,2,3),\ \frac{1}{11}(1,1,10)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&8&19&11\\0&6&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&5&9&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}19&7&14&11\\0&7&0&8\end{smallmatrix}\middle\vert\begin{smallmatrix}10&9&5&9\\0&-1&6&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
4825	$X \subset \mathbb{P}(1,1,4,6,7,8,9,10)$	3	C_2	$\left(\begin{smallmatrix}6&8&10\\6&5&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&4&9\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{10}(1,1,9)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&7&17&10\\0&5&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&4&8&9\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index 1

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
			Rolling	$\left(\begin{smallmatrix}17&6&12&10\\0&6&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}9&8&4&8\\0&-1&6&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
4839	$X \subset \mathbb{P}(1,1,4,5,6,7,8,9)$	4	C_2	$\left(\begin{smallmatrix}5&7&9\\6&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&4&8\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4),\ \frac{1}{9}(1,1,8)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}6&6&8\\5&7&8\end{smallmatrix}\middle\vert\begin{smallmatrix}7&4&9\\0&4&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}10&6&15&9\\0&5&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&7&8\\1&4&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}15&5&11&9\\0&6&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}8&7&4&7\\0&-1&4&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
4850	$X \subset \mathbb{P}(1,1,4,5,6,6,7,13)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&4&14&13\\0&7&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&6&8\\6&0&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5\\4\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{13}(1,6,7)$			
4851	$X \subset \mathbb{P}(1,1,4,5,6,6,7,8)$	3	C_2	$\left(\begin{smallmatrix}6&6&8\\4&5&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&7\\2&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{6}(1,1,5),\ \frac{1}{8}(1,1,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}10&6&13&8\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&6&7\\0&4&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}13&5&11&8\\0&5&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&6&4&7\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
4860	$X \subset \mathbb{P}(1,1,4,5,6,6,7,7)$	4	C_2	$\left(\begin{smallmatrix}5&7&7\\5&4&6\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&7\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 2\times\frac{1}{7}(1,1,6)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}5&6&7\\5&6&7\end{smallmatrix}\middle\vert\begin{smallmatrix}6&4&8\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&7&11&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&6&5\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}10&7&13&6\\0&5&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&6&6&7\\4&-1&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
4896	$X \subset \mathbb{P}(1,1,3,5,6,7,8,9)$	3	C_2	$\left(\begin{smallmatrix}5&7&9\\5&4&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&8\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$2\times\frac{1}{3}(1,1,2),\ \frac{1}{9}(1,1,8)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&6&15&9\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7&8\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}15&5&10&9\\0&5&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}8&7&3&7\\0&-1&6&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
4915	$X \subset \mathbb{P}(1,1,3,4,5,6,7,8)$	4	C_2	$\left(\begin{smallmatrix}4&6&8\\5&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3),\ \frac{1}{8}(1,1,7)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}5&5&7\\4&6&7\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&8\\0&4&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&5&13&8\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6&7\\1&4&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}13&4&9&8\\0&5&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&6&3&6\\0&-1&4&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
4925	$X \subset \mathbb{P}(1,1,3,4,5,6,7,7)$	2	C_2	$\left(\begin{smallmatrix}7&5&7\\1&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\4&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}5\\0\end{smallmatrix}\right)$
	$\frac{1}{7}(1,1,6),\ \frac{1}{7}(1,3,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&7&11&7\\0&1&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&6&3&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\5\end{smallmatrix}\right)$
4938	$X \subset \mathbb{P}(1,1,3,4,5,5,6,11)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&3&12&11\\0&6&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&5&7\\5&0&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\3\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{11}(1,5,6)$			
4939	$X \subset \mathbb{P}(1,1,3,4,5,5,6,7)$	3	C_2	$\left(\begin{smallmatrix}5&5&7\\3&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\2&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4),\ \frac{1}{7}(1,1,6)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&5&11&7\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&4&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}11&4&9&7\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&3&6\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
4949	$X \subset \mathbb{P}(1,1,3,4,5,5,6,6)$	4	C_2	$\left(\begin{smallmatrix}4&6&6\\4&3&5\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ 2\times\frac{1}{6}(1,1,5)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&7\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&6&9&6\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&5&4\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}8&6&11&5\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&5&5&6\\4&-1&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
4987	$X \subset \mathbb{P}(1,1,3,4,4,5,9,13)$	2	C_2	$\left(\begin{smallmatrix}3&5&13\\6&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}8&1&9\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{13}(1,4,9)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&1&14&13\\0&7&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}8&3&5&9\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
4989	$X \subset \mathbb{P}(1,1,3,4,4,5,6,7)$	4	C_2	$\left(\begin{smallmatrix}4&5&7\\4&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\1&3&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$2\times\frac{1}{4}(1,1,3),\ \frac{1}{7}(1,1,6)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&7\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&4&11&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}8&4&12&6\\0&4&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&7\\-1&3&1&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$

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ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
5000	$X \subset \mathbb{P}(1,1,3,4,4,5,5,9)$	1	C_2	$\left(\begin{smallmatrix}3&5&9\\5&5&1\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&6\\4&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$\frac{1}{5}(1,1,4),\ \frac{1}{9}(1,4,5)$			
5002	$X \subset \mathbb{P}(1,1,3,4,4,5,5,6)$	4	C_2	$\left(\begin{smallmatrix}4&5&6\\4&3&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5\\0&3&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{4}(1,1,3),\ \frac{1}{5}(1,1,4),\ \frac{1}{6}(1,1,5)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&4&6\\4&5&5\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\0&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&5&8&6\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&4&4\\0&2&1&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}10&4&8&6\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&5&3&5\\1&-1&3&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
5052	$X \subset \mathbb{P}(1,1,3,4,4,5,5,5)$	3	C_2	$\left(\begin{smallmatrix}5&5&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$3 \times \frac{1}{5}(1,1,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&10&5\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&5&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}7&4&11&5\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&5&6\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
5140	$X \subset \mathbb{P}(1,1,2,4,5,6,7,8)$	3	C_2	$\left(\begin{smallmatrix}4&6&8\\4&3&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&7\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{8}(1,1,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&13&8\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6&7\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}13&4&8&8\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}7&6&2&6\\0&-1&6&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
5163	$X \subset \mathbb{P}(1,1,2,3,4,5,6,7)$	4	C_2	$\left(\begin{smallmatrix}3&5&7\\4&3&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{7}(1,1,6)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&4&6\\3&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&7\\0&4&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&4&11&7\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5&6\\1&4&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}11&3&7&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&2&5\\0&-1&4&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
5176	$X \subset \mathbb{P}(1,1,2,3,4,5,5,7)$	2	C_2	$\left(\begin{smallmatrix}3&5&7\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$\frac{1}{5}(1,1,4),\ \frac{1}{7}(1,2,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&5&7&7\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&4&3\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\6\end{smallmatrix}\right)$
5177	$X \subset \mathbb{P}(1,1,2,3,4,5,5,6)$	2	C_2	$\left(\begin{smallmatrix}5&4&6\\1&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\3&5&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{5}(1,2,3),\ \frac{1}{6}(1,1,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&5&9&6\\0&1&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&5\\0&5&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
5202	$X \subset \mathbb{P}(1,1,2,3,4,4,5,9)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&2&10&9\\0&5&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&4&6\\4&0&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{9}(1,4,5)$			
5203	$X \subset \mathbb{P}(1,1,2,3,4,4,5,6)$	3	C_2	$\left(\begin{smallmatrix}4&4&6\\2&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\2&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{6}(1,1,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&4&9&6\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&5\\0&4&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}9&3&7&6\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&2&5\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
5215	$X \subset \mathbb{P}(1,1,2,3,4,4,5,5)$	4	C_2	$\left(\begin{smallmatrix}3&5&5\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{5}(1,1,4)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&4&5\\3&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&6\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&7&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&4&3\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}6&5&9&4\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&4&4&5\\4&-1&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
5260	$X \subset \mathbb{P}(1,1,2,3,3,5,8,11)$	2	C_2	$\left(\begin{smallmatrix}1&5&11\\7&5&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&8\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$\frac{1}{11}(1,3,8)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&2&13&11\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&1&5&8\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
5263	$X \subset \mathbb{P}(1,1,2,3,3,4,7,10)$	2	C_2	$\left(\begin{smallmatrix}2&4&10\\5&4&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&1&7\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{10}(1,3,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&1&11&10\\0&5&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&4&7\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
5265	$X \subset \mathbb{P}(1,1,2,3,3,4,5,8)$	2	C_2	$\left(\begin{smallmatrix}2&4&8\\4&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{4}(1,1,3),\ \frac{1}{8}(1,3,5)$		Rolling	$\left(\begin{smallmatrix}4&4&13&5\\0&2&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&5&8\\0&5&2&-6\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
5266	$X \subset \mathbb{P}(1,1,2,3,3,4,5,7)$	2	C_2	$\left(\begin{smallmatrix}1&5&7\\5&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&6\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$\frac{1}{5}(1,2,3),\ \frac{1}{7}(1,3,4)$		Rolling	$\left(\begin{smallmatrix}5&7&11&2\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}1&4&6&5\\4&0&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
5268	$X \subset \mathbb{P}(1,1,2,3,3,4,5,6)$	4	C_2	$\left(\begin{smallmatrix}3&4&6\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\1&3&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2),\ \frac{1}{6}(1,1,5)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&4&5\\3&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&6\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index 1

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&3&9&6\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}6&3&10&5\\0&3&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4&6\\-1&3&1&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
5279	$X \subset \mathbb{P}(1,1,2,3,3,4,5,5)$	2	C_2	$\left(\begin{smallmatrix}3&5&5\\3&1&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\0&4&2\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4),\ \frac{1}{5}(1,2,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&6&5\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&3&3\\0&3&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
5303	$X \subset \mathbb{P}(1,1,2,3,3,4,4,7)$	1	C_2	$\left(\begin{smallmatrix}2&4&7\\4&4&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&5\\3&0&1\end{smallmatrix}\middle\vert 2\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{7}(1,3,4)$			
5305	$X \subset \mathbb{P}(1,1,2,3,3,4,4,5)$	2	C_2	$\left(\begin{smallmatrix}4&4&5\\2&2&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&3\\3&2&3\end{smallmatrix}\middle\vert 4\right)$
	$2 \times \frac{1}{4}(1,1,3),\ \frac{1}{5}(1,2,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&5&8&4\\0&1&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&4\\0&4&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
5306	$X \subset \mathbb{P}(1,1,2,3,3,4,4,5)$	4	C_2	$\left(\begin{smallmatrix}3&4&5\\3&2&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\0&3&1\end{smallmatrix}\middle\vert 2\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)\ldots$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&3&5\\3&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\0&2&-2\end{smallmatrix}\middle\vert 0\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&4&6&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&3&3\\0&2&1&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}8&3&6&5\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&2&4\\1&-1&3&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
5410	$X \subset \mathbb{P}(1,1,2,3,3,4,4,4)$	3	C_2	$\left(\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&3\\2&2&2\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{2}(1,1,1),\ 3 \times \frac{1}{4}(1,1,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&4&8&4\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&4\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}5&3&9&4\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&5\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
5516	$X \subset \mathbb{P}(1,1,2,3,3,3,4,7)$	1	C_2	$\left(\begin{smallmatrix}3&3&7\\3&3&1\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\2&2&2\end{smallmatrix}\middle\vert 3\right)$
	$2 \times \frac{1}{3}(1,1,2),\ \frac{1}{7}(1,3,4)$			
5519	$X \subset \mathbb{P}(1,1,2,3,3,3,4,5)$	3	C_2	$\left(\begin{smallmatrix}3&3&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$3 \times \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&3&6&5\\0&3&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&3&3\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}5&3&9&4\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&5\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
5530	$X \subset \mathbb{P}(1,1,2,3,3,3,4,4)$	4	C_2	$\left(\begin{smallmatrix}3&4&4\\3&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&3\\1&1&2\end{smallmatrix}\middle\vert 2\right)$
	$2 \times \frac{1}{3}(1,1,2),\ 2 \times \frac{1}{4}(1,1,3)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&3&4\\3&3&4\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\-1&2&-1\end{smallmatrix}\middle\vert 0\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&4&6&4\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&3&3\\1&1&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\2\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}5&4&8&3\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&3&4&4\\2&0&0&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
5841	$X \subset \mathbb{P}(1,1,2,2,3,5,7,9)$	3	C_2	$\left(\begin{smallmatrix}1&5&9\\6&4&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&7\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{9}(1,2,7)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&12&9\\0&3&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5&7\\2&5&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}4&5&15&5\\0&2&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&6&9\\0&6&2&-7\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
5845	$X \subset \mathbb{P}(1,1,2,2,3,4,5,6)$	3	C_2	$\left(\begin{smallmatrix}2&4&6\\4&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&5\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$4 \times \frac{1}{2}(1,1,1),\ \frac{1}{6}(1,1,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&9&6\\0&3&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&5\\2&2&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\2\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}9&2&6&6\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&2&4\\0&-1&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
5859	$X \subset \mathbb{P}(1,1,2,2,3,3,5,8)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&2&7&8\\0&3&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&3&4\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{8}(1,3,5)$			
5860	$X \subset \mathbb{P}(1,1,2,2,3,3,5,7)$	3	C_2	$\left(\begin{smallmatrix}3&3&7\\2&3&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5\\2&4&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{7}(1,2,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&8&7\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3&5\\3&2&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}4\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}4&3&11&5\\0&2&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4&7\\0&4&2&-5\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
5862	$X \subset \mathbb{P}(1,1,2,2,3,3,5,5)$	2	C_2	$\left(\begin{smallmatrix}1&5&5\\4&2&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&5\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{2}(1,1,1),\ 2 \times \frac{1}{5}(1,2,3)$		Rolling	$\left(\begin{smallmatrix}4&5&9&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}1&3&4&5\\4&0&2&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
5866	$X \subset \mathbb{P}(1,1,2,2,3,3,4,7)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}6&2&7&7\\0&3&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&3&4\\1&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$

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ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{7}(1,3,4)$			
5867	$X \subset \mathbb{P}(1,1,2,2,3,3,4,5)$	1	C_2	$\left(\begin{smallmatrix}2&5&4\\3&1&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4\\0&3&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3),\ \frac{1}{5}(1,2,3)$			
5870	$X \subset \mathbb{P}(1,1,2,2,3,3,4,5)$	4	C_2	$\left(\begin{smallmatrix}3&3&5\\2&3&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4\\2&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&3&4\\2&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&5\\1&2&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&7&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3&4\\1&2&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\2\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}7&2&6&5\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&2&4\\0&0&2&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
5914	$X \subset \mathbb{P}(1,1,2,2,3,3,4,4)$	2	C_2	$\left(\begin{smallmatrix}2&4&4\\3&2&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{4}(1,1,3)$		Rolling	$\left(\begin{smallmatrix}5&4&7&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&3&3&4\\2&0&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
5963	$X \subset \mathbb{P}(1,1,2,2,3,3,3,5)$	2	C_2	$\left(\begin{smallmatrix}3&3&5\\2&2&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&6&5\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3&3\\1&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
5970	$X \subset \mathbb{P}(1,1,2,2,3,3,3,4)$	4	C_2	$\left(\begin{smallmatrix}3&3&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3\\1&2&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}2&3&4\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4\\0&1&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&6&4\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3&3\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}5&2&7&4\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3&4\\0&1&0&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
6217	$X \subset \mathbb{P}(1,1,2,2,3,3,3,3)$	2	C_2	$\left(\begin{smallmatrix}3&3&3\\2&2&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&3\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ 4 \times \frac{1}{3}(1,1,2)$		Rolling	$\left(\begin{smallmatrix}6&3&5&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&3&2&3\\0&0&2&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
6860	$X \subset \mathbb{P}(1,1,2,2,2,3,3,5)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}2&3&4\\2&3&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&5\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,2,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}4&2&7&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&3&4\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
6865	$X \subset \mathbb{P}(1,1,2,2,2,3,3,4)$	2	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&3&5&4\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&2&3\\0&2&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\2\end{smallmatrix}\right)$
	$5 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3)$		Rolling	$\left(\begin{smallmatrix}5&2&6&4\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&2&4\\0&1&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
6878	$X \subset \mathbb{P}(1,1,2,2,2,3,3,3)$	3	C_2	$\left(\begin{smallmatrix}3&3&3\\1&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&2&3\\2&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}2&3&3\\2&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&2&4\\1&1&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}5&3&5&3\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&3&2&3\\2&-1&2&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
8051	$X \subset \mathbb{P}(1,1,2,2,2,2,3,3)$	2	C_2	$\left(\begin{smallmatrix}2&2&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&3\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\end{smallmatrix}\right)$
	$7 \times \frac{1}{2}(1,1,1)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}3&2&7&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3&4\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
10963	$X \subset \mathbb{P}(1,1,1,3,4,5,6,7)$	3	C_2	$\left(\begin{smallmatrix}3&5&7\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$\frac{1}{7}(1,1,6)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&4&11&7\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5&6\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}11&3&6&7\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&1&5\\0&-1&6&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
10985	$X \subset \mathbb{P}(1,1,1,2,3,4,5,6)$	4	C_2	$\left(\begin{smallmatrix}2&4&6\\3&2&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{6}(1,1,5)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&3&5\\2&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&6\\0&4&-4\end{smallmatrix}\middle\vert\begin{smallmatrix}0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}4&3&9&6\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4&5\\1&4&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}9&2&5&6\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}5&4&1&4\\0&-1&4&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
11004	$X \subset \mathbb{P}(1,1,1,2,3,3,4,7)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&1&8&7\\0&3&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&3&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
	$\frac{1}{7}(1,3,4)$			
11005	$X \subset \mathbb{P}(1,1,1,2,3,3,4,5)$	3	C_2	$\left(\begin{smallmatrix}3&3&5\\1&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4\\2&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{5}(1,1,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}4&3&7&5\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&3&4\\0&4&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\3\end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix}7&2&5&5\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&1&4\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
11021	$X \subset \mathbb{P}(1,1,1,2,3,3,4,4)$	4	C_2	$\left(\begin{smallmatrix}2&4&4\\2&1&3\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4\\0&4&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\end{smallmatrix}\right)$

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ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
	$2 \times \frac{1}{4}(1,1,3)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix} 2 & 3 & 4 & 3 & 1 & 5 & 0 \\ 2 & 3 & 4 & 0 & 3 & -3 & \end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 5 & 4 & 5 & 4 & 3 & 2 & 3 & 2 & 2 \\ 0 & 1 & 0 & 1 & 0 & 3 & 0 & 3 & 4 \end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix} 4 & 4 & 7 & 3 & 1 & 3 & 3 & 4 & 3 \\ 0 & 2 & 0 & 2 & 4 & -1 & 2 & -2 & 0 \end{smallmatrix}\right)$
11104	$X \subset \mathbb{P}(1,1,1,2,2,3,5,7)$	2	C_2	$\left(\begin{smallmatrix} 1 & 3 & 7 & 4 & 1 & 5 & 1 \\ 4 & 3 & 2 & 0 & 2 & 0 & \end{smallmatrix}\right)$
	$\frac{1}{7}(1,2,5)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 5 & 1 & 8 & 7 & 4 & 1 & 3 & 5 & 1 \\ 0 & 3 & 0 & 2 & 0 & 3 & 0 & 0 & 2 \end{smallmatrix}\right)$
11106	$X \subset \mathbb{P}(1,1,1,2,2,3,4,5)$	4	C_2	$\left(\begin{smallmatrix} 2 & 3 & 5 & 3 & 1 & 4 & 2 \\ 2 & 2 & 2 & 1 & 3 & 0 & \end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,1,4)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix} 2 & 3 & 4 & 3 & 1 & 5 & 0 \\ 2 & 3 & 4 & 0 & 3 & -3 & \end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 4 & 2 & 7 & 5 & 3 & 1 & 3 & 4 & 1 \\ 0 & 2 & 0 & 2 & 0 & 3 & 0 & 0 & 2 \end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix} 4 & 2 & 8 & 4 & 3 & 1 & 3 & 5 & 0 \\ 0 & 2 & 0 & 4 & -1 & 3 & 1 & -3 & 0 \end{smallmatrix}\right)$
11123	$X \subset \mathbb{P}(1,1,1,2,2,3,3,5)$	2	C_2	$\left(\begin{smallmatrix} 1 & 3 & 5 & 3 & 1 & 4 & 1 \\ 3 & 2 & 2 & 0 & 2 & 0 & \end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{5}(1,2,3)$		Rolling	$\left(\begin{smallmatrix} 7 & 1 & 4 & 5 & 4 & 3 & 1 & 3 & 1 \\ 0 & 3 & 0 & 2 & 0 & -1 & 2 & 0 & 0 \end{smallmatrix}\right)$
11125	$X \subset \mathbb{P}(1,1,1,2,2,3,3,4)$	4	C_2	$\left(\begin{smallmatrix} 2 & 3 & 4 & 3 & 1 & 3 & 2 \\ 2 & 1 & 2 & 0 & 3 & 1 & \end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{4}(1,1,3)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix} 2 & 2 & 4 & 3 & 1 & 4 & 0 \\ 2 & 3 & 3 & 0 & 2 & -2 & \end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 5 & 3 & 4 & 4 & 3 & 2 & 2 & 2 & 2 \\ 0 & 1 & 0 & 1 & 0 & 2 & 1 & 2 & 3 \end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix} 6 & 2 & 4 & 4 & 3 & 3 & 1 & 3 & 2 \\ 0 & 2 & 0 & 2 & 1 & -1 & 3 & -1 & 0 \end{smallmatrix}\right)$
11222	$X \subset \mathbb{P}(1,1,1,2,2,3,3,3)$	3	C_2	$\left(\begin{smallmatrix} 3 & 3 & 3 & 2 & 2 & 2 & 3 \\ 1 & 1 & 1 & 2 & 2 & 2 & \end{smallmatrix}\right)$
	$3 \times \frac{1}{3}(1,1,2)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 3 & 3 & 6 & 3 & 2 & 1 & 3 & 3 & 1 \\ 0 & 1 & 0 & 2 & 0 & 3 & 0 & 0 & 2 \end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix} 3 & 2 & 7 & 3 & 2 & 1 & 3 & 4 & 0 \\ 0 & 2 & 0 & 3 & 0 & 2 & 0 & -2 & 0 \end{smallmatrix}\right)$
11437	$X \subset \mathbb{P}(1,1,1,2,2,2,3,5)$	1	C_2	$\left(\begin{smallmatrix} 2 & 2 & 5 & 3 & 1 & 3 & 2 \\ 2 & 2 & 1 & 1 & 2 & 1 & \end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,2,3)$			
11440	$X \subset \mathbb{P}(1,1,1,2,2,2,3,4)$	3	C_2	$\left(\begin{smallmatrix} 2 & 2 & 4 & 3 & 1 & 3 & 1 \\ 2 & 2 & 2 & 0 & 2 & 0 & \end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 5 & 2 & 4 & 4 & 3 & 2 & 2 & 2 & 1 \\ 0 & 2 & 0 & 1 & 0 & 1 & 0 & 2 & 2 \end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix} 3 & 2 & 7 & 3 & 2 & 1 & 3 & 4 & 0 \\ 0 & 2 & 0 & 3 & 0 & 2 & 0 & -2 & 0 \end{smallmatrix}\right)$
11455	$X \subset \mathbb{P}(1,1,1,2,2,2,3,3)$	4	C_2	$\left(\begin{smallmatrix} 2 & 3 & 3 & 2 & 2 & 2 & 2 \\ 2 & 1 & 1 & 1 & 1 & 2 & \end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{3}(1,1,2)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix} 2 & 2 & 3 & 3 & 1 & 3 & 0 \\ 2 & 2 & 3 & -1 & 2 & -1 & \end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 4 & 3 & 4 & 3 & 2 & 2 & 2 & 2 & 2 \\ 0 & 1 & 0 & 1 & 1 & 1 & 1 & 1 & 2 \end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix} 3 & 3 & 6 & 2 & 1 & 2 & 3 & 3 & 1 \\ 0 & 2 & 0 & 2 & 2 & 0 & 0 & -1 & 0 \end{smallmatrix}\right)$
12063	$X \subset \mathbb{P}(1,1,1,2,2,2,2,3)$	2	C_2	$\left(\begin{smallmatrix} 2 & 2 & 3 & 2 & 2 & 2 & 1 \\ 2 & 2 & 1 & 1 & 0 & 1 & \end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 4 & 2 & 4 & 3 & 2 & 2 & 2 & 2 & 1 \\ 0 & 2 & 0 & 1 & 1 & 0 & 0 & 1 & 1 \end{smallmatrix}\right)$
12960	$X \subset \mathbb{P}(1,1,1,2,2,2,2,2)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 0 \\ 2 & 2 & 2 & 0 & 0 & 0 & \end{smallmatrix}\right)$
	$6 \times \frac{1}{2}(1,1,1)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix} 4 & 2 & 4 & 2 & 2 & 2 & 2 & 2 & 0 \\ 0 & 2 & 0 & 2 & 0 & 0 & 0 & 0 & 0 \end{smallmatrix}\right)$
16206	$X \subset \mathbb{P}(1,1,1,1,2,3,4,5)$	3	C_2	$\left(\begin{smallmatrix} 1 & 3 & 5 & 3 & 1 & 4 & 1 \\ 3 & 2 & 2 & 0 & 2 & 0 & \end{smallmatrix}\right)$
	$\frac{1}{5}(1,1,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 3 & 2 & 7 & 5 & 2 & 1 & 3 & 4 & 2 \\ 0 & 2 & 0 & 1 & 2 & 2 & 0 & 0 & 2 \end{smallmatrix}\right)$
			Rolling	$\left(\begin{smallmatrix} 7 & 1 & 4 & 5 & 4 & 3 & 1 & 3 & 1 \\ 0 & 3 & 0 & 2 & 0 & -1 & 2 & 0 & 0 \end{smallmatrix}\right)$
16227	$X \subset \mathbb{P}(1,1,1,1,2,2,3,5)$	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 4 & 1 & 5 & 5 & 3 & 1 & 2 & 3 & 1 \\ 0 & 2 & 0 & 1 & 0 & 2 & 0 & 1 & 2 \end{smallmatrix}\right)$
	$\frac{1}{5}(1,2,3)$			
16228	$X \subset \mathbb{P}(1,1,1,1,2,2,3,4)$	4	C_2	$\left(\begin{smallmatrix} 2 & 2 & 4 & 2 & 1 & 3 & 2 \\ 1 & 2 & 1 & 2 & 2 & 0 & \end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{4}(1,1,3)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix} 2 & 2 & 3 & 2 & 1 & 4 & 0 \\ 1 & 3 & 3 & 1 & 2 & -3 & \end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix} 3 & 2 & 5 & 4 & 2 & 1 & 2 & 3 & 2 \\ 0 & 1 & 0 & 1 & 1 & 2 & 1 & 0 & 2 \end{smallmatrix}\right)$

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ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
			Rolling	$\left(\begin{smallmatrix}5&1&4&4\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&1&3\\0&0&2&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
16246	$X \subset \mathbb{P}(1,1,1,1,2,2,3,3)$	2	C_2	$\left(\begin{smallmatrix}1&3&3\\2&1&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$2 \times \frac{1}{3}(1,1,2)$		Rolling	$\left(\begin{smallmatrix}3&3&5&2\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}1&2&2&3\\2&0&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
16339	$X \subset \mathbb{P}(1,1,1,1,2,2,2,3)$	4	C_2	$\left(\begin{smallmatrix}2&2&3\\1&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2\\1&2&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\1\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2)$		$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}1&2&3\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3\\0&1&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}3&2&4&3\\0&1&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2&2\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}3&1&5&3\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2&3\\0&1&0&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
16645	$X \subset \mathbb{P}(1,1,1,1,2,2,2,2)$	2	C_2	$\left(\begin{smallmatrix}2&2&2\\1&1&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$4 \times \frac{1}{2}(1,1,1)$		Rolling	$\left(\begin{smallmatrix}4&2&3&2\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&2&1&2\\0&0&2&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
20524	$X \subset \mathbb{P}(1,1,1,1,1,2,3,4)$	2	C_2	$\left(\begin{smallmatrix}1&2&4\\2&2&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3\\1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$\frac{1}{4}(1,1,3)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}3&1&5&4\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2&3\\1&1&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
20544	$X \subset \mathbb{P}(1,1,1,1,1,2,2,3)$	2	C_2	$\left(\begin{smallmatrix}1&2&3\\2&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2\\0&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2)$		Rolling	$\left(\begin{smallmatrix}4&1&3&3\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&2&1&2\\1&-1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
20652	$X \subset \mathbb{P}(1,1,1,1,1,2,2,2)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}1&2&2\\2&1&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&2\\-1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}2&2&4&2\\0&1&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&2&2\\1&1&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
24078	$X \subset \mathbb{P}(1,1,1,1,1,1,2,3)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}1&2&2\\1&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&3\\1&1&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}3&1&3&3\\0&1&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&1&2\\0&1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
24097	$X \subset \mathbb{P}(1,1,1,1,1,1,2,2)$	2	C_2	$\left(\begin{smallmatrix}1&2&2\\1&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&2\\1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}3&1&3&2\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&1&2\\-1&1&1&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
26989	$X \subset \mathbb{P}(1,1,1,1,1,1,1,2)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}1&1&2\\1&2&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&2\\1&0&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$\frac{1}{2}(1,1,1)$		Rolling	$\left(\begin{smallmatrix}2&1&3&2\\0&1&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&1&2\\1&0&1&-1\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\0\end{smallmatrix}\right)$
29374	$X \subset \mathbb{P}(1,1,1,1,1,1,1,1)$	2	$\mathsf{A}_2 + \mathsf{CI}^{(1)}$	$\left(\begin{smallmatrix}2&1&1\\0&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&1\\1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
			$\mathsf{A}_2 + \mathsf{CI}^{(1)}$	$\left(\begin{smallmatrix}2&2&2&1\\0&0&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&1&1\\0&1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index 2

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
39557	$X \subset \mathbb{P}(2,5,5,6,7,8,9,11)$	2	C_2	$\left(\begin{smallmatrix}7&9&11\\7&6&8\end{smallmatrix}\middle\vert\begin{smallmatrix}9&5&10\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$2 \times \frac{1}{5}(2,2,3),\ \frac{1}{11}(2,5,6)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&8&19&11\\0&6&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&5&9&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
39569	$X \subset \mathbb{P}(2,3,5,6,7,7,8,9)$	0	None	
	$3 \times \frac{1}{3}(1,2,2),\ \frac{1}{5}(2,2,3),\ \frac{1}{7}(1,2,6)$			
39576	$X \subset \mathbb{P}(2,3,4,5,5,6,7,9)$	0	None	
	$2 \times \frac{1}{3}(1,2,2),\ \frac{1}{5}(2,2,3),\ \frac{1}{9}(2,4,5)$			
39578	$X \subset \mathbb{P}(2,3,4,5,5,6,7,7)$	1	Rolling	$\left(\begin{smallmatrix}13&5&11&8\\0&5&0&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&6&4&7\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
	$\frac{1}{3}(1,2,2),\ \frac{1}{5}(1,2,4),\ \frac{1}{5}(2,2,3)\ldots$			
39605	$X \subset \mathbb{P}(2,3,3,4,5,7,10,13)$	2	C_2	$\left(\begin{smallmatrix}5&7&13\\5&6&4\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&10\\4&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}5\\5\end{smallmatrix}\right)$
	$2 \times \frac{1}{3}(1,2,2),\ \frac{1}{13}(2,3,10)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}11&4&17&13\\0&6&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}8&3&7&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
39607	$X \subset \mathbb{P}(2,3,3,4,5,5,6,7)$	0	None	
	$5 \times \frac{1}{3}(1,2,2),\ \frac{1}{5}(1,2,4)$			

Codimension 4 Fano 3-folds of index 2

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
39660	$X \subset \mathbb{P}(2,2,3,5,5,7,12,17)$	2	C_2	$\left(\begin{smallmatrix}3&7&17\\9&7&5\end{smallmatrix}\middle\vert\begin{smallmatrix}10&2&12\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{17}(2,5,12)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&2&19&17\\0&8&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}10&3&7&12\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
39675	$X \subset \mathbb{P}(2,2,3,3,4,5,7,9)$	1	C_2	$\left(\begin{smallmatrix}3&5&9\\6&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$3 \times \frac{1}{3}(1,2,2),\ \frac{1}{9}(2,2,7)$			
39676	$X \subset \mathbb{P}(2,2,3,3,4,5,5,7)$	1	C_2	$\left(\begin{smallmatrix}3&5&7\\5&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$2 \times \frac{1}{3}(1,2,2),\ \frac{1}{5}(2,2,3),\ \frac{1}{7}(2,2,5)$			
39678	$X \subset \mathbb{P}(2,2,3,3,4,5,5,5)$	1	C_2	$\left(\begin{smallmatrix}5&5&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{3}(1,2,2),\ 3 \times \frac{1}{5}(2,2,3)$			
39890	$X \subset \mathbb{P}(1,2,5,7,8,9,10,11)$	2	C_2	$\left(\begin{smallmatrix}7&9&11\\7&6&8\end{smallmatrix}\middle\vert\begin{smallmatrix}9&5&10\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{5}(2,2,3),\ \frac{1}{11}(1,2,10)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&8&19&11\\0&6&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&5&9&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
39898	$X \subset \mathbb{P}(1,2,3,5,6,7,8,9)$	2	C_2	$\left(\begin{smallmatrix}5&7&9\\5&4&6\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&8\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$2 \times \frac{1}{3}(1,2,2),\ \frac{1}{9}(1,2,8)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}9&6&15&9\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&3&7&8\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
39906	$X \subset \mathbb{P}(1,2,3,4,5,6,7,7)$	1	C_2	$\left(\begin{smallmatrix}7&5&7\\1&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\4&6&0\end{smallmatrix}\middle\vert 5\right)$
	$\frac{1}{7}(1,2,6),\ \frac{1}{7}(2,3,4)$			
39912	$X \subset \mathbb{P}(1,2,3,4,5,5,6,11)$	0	None	
	$\frac{1}{3}(1,2,2),\ \frac{1}{11}(2,5,6)$			
39913	$X \subset \mathbb{P}(1,2,3,4,5,5,6,7)$	2	C_2	$\left(\begin{smallmatrix}5&5&7\\3&4&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&6\\2&4&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{3}(1,2,2),\ \frac{1}{5}(1,2,4),\ \frac{1}{7}(1,2,6)$		Rolling	$\left(\begin{smallmatrix}11&4&9&7\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&5&3&6\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
39928	$X \subset \mathbb{P}(1,2,3,4,4,5,9,13)$	1	C_2	$\left(\begin{smallmatrix}3&5&13\\6&5&4\end{smallmatrix}\middle\vert\begin{smallmatrix}8&1&9\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{13}(2,4,9)$			
39929	$X \subset \mathbb{P}(1,2,3,4,4,5,5,9)$	1	C_2	$\left(\begin{smallmatrix}3&5&9\\5&5&1\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&6\\4&0&2\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{5}(1,2,4),\ \frac{1}{9}(2,4,5)$			
39934	$X \subset \mathbb{P}(1,2,3,4,4,5,5,5)$	2	C_2	$\left(\begin{smallmatrix}5&5&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert 3\right)$
	$3 \times \frac{1}{5}(1,2,4)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}7&4&11&5\\0&4&0&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&5&6\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
39961	$X \subset \mathbb{P}(1,2,2,3,4,5,5,7)$	1	C_2	$\left(\begin{smallmatrix}3&5&7\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{5}(1,2,4),\ \frac{1}{7}(2,2,5)$			
39968	$X \subset \mathbb{P}(1,2,2,3,3,5,8,11)$	2	C_2	$\left(\begin{smallmatrix}1&5&11\\7&5&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&8\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{11}(2,3,8)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&2&13&11\\0&4&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6&1&5&8\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
39969	$X \subset \mathbb{P}(1,2,2,3,3,4,5,7)$	2	C_2	$\left(\begin{smallmatrix}1&5&7\\5&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&6\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{5}(2,2,3),\ \frac{1}{7}(2,3,4)$		Rolling	$\left(\begin{smallmatrix}5&7&11&2\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}1&4&6&5\\4&0&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
39970	$X \subset \mathbb{P}(1,2,2,3,3,4,5,5)$	1	C_2	$\left(\begin{smallmatrix}3&5&5\\3&1&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\0&4&2\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{3}(1,2,2),\ \frac{1}{5}(1,2,4),\ \frac{1}{5}(2,2,3)$			
39991	$X \subset \mathbb{P}(1,2,2,3,3,3,4,7)$	1	C_2	$\left(\begin{smallmatrix}3&3&7\\3&3&1\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\2&2&2\end{smallmatrix}\middle\vert 3\right)$
	$2 \times \frac{1}{3}(1,2,2),\ \frac{1}{7}(2,3,4)$			
39993	$X \subset \mathbb{P}(1,2,2,3,3,3,4,5)$	2	C_2	$\left(\begin{smallmatrix}3&3&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$3 \times \frac{1}{3}(1,2,2),\ \frac{1}{5}(1,2,4)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}5&3&9&4\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&5\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
40360	$X \subset \mathbb{P}(1,1,2,3,4,5,6,7)$	2	C_2	$\left(\begin{smallmatrix}3&5&7\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{7}(1,2,6)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&4&11&7\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5&6\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
40367	$X \subset \mathbb{P}(1,1,2,3,4,5,20,21)$	0	None	

Codimension 4 Fano 3-folds of index 2

ID	$X \subset \mathbb{P}$, basket	N	Format	Weights
	$\frac{1}{21}(1,2,20)$			
40370	$X \subset \mathbb{P}(1,1,2,2,3,3,4,7)$	0	None	
	$\frac{1}{7}(2,3,4)$			
40371	$X \subset \mathbb{P}(1,1,2,2,3,3,4,5)$	2	C_2	$\left(\begin{smallmatrix}3&3&5\\1&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4\\2&4&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{3}(1,2,2),\ \frac{1}{5}(1,2,4)$		Rolling	$\left(\begin{smallmatrix}7&2&5&5\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&1&4\\0&0&4&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
40378	$X \subset \mathbb{P}(1,1,2,2,3,3,18,19)$	0	None	
	$\frac{1}{3}(1,2,2),\ \frac{1}{19}(1,2,18)$			
40399	$X \subset \mathbb{P}(1,1,2,2,2,3,5,7)$	1	C_2	$\left(\begin{smallmatrix}1&3&7\\4&3&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{7}(2,2,5)$			
40400	$X \subset \mathbb{P}(1,1,2,2,2,3,3,5)$	1	C_2	$\left(\begin{smallmatrix}1&3&5\\3&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{3}(1,2,2),\ \frac{1}{5}(2,2,3)$			
40407	$X \subset \mathbb{P}(1,1,2,2,2,3,3,3)$	2	C_2	$\left(\begin{smallmatrix}3&3&3\\1&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&2&2\\2&2&2\end{smallmatrix}\middle\vert 3\right)$
	$3 \times \frac{1}{3}(1,2,2)$		$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}3&2&7&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3&4\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
40663	$X \subset \mathbb{P}(1,1,1,2,2,3,4,5)$	2	C_2	$\left(\begin{smallmatrix}1&3&5\\3&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$\frac{1}{5}(1,2,4)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}3&2&7&5\\0&2&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3&4\\2&2&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\2\end{smallmatrix}\right)$
40671	$X \subset \mathbb{P}(1,1,1,2,2,2,3,5)$	0	None	
	$\frac{1}{5}(2,2,3)$			
40672	$X \subset \mathbb{P}(1,1,1,2,2,2,3,3)$	2	C_2	$\left(\begin{smallmatrix}1&3&3\\2&1&2\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3\\0&2&0\end{smallmatrix}\middle\vert 1\right)$
	$2 \times \frac{1}{3}(1,2,2)$		Rolling	$\left(\begin{smallmatrix}3&3&5&2\\0&1&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}1&2&2&3\\2&0&2&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\0\end{smallmatrix}\right)$
40933	$X \subset \mathbb{P}(1,1,1,1,1,2,2,3)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}1&2&2\\1&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1\\1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\-2\end{smallmatrix}\middle\vert 0\right)$
	$\frac{1}{3}(1,2,2)$		$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}3&1&3&3\\0&1&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&1&2\\0&1&1&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
41028	$X \subset \mathbb{P}(1,1,1,1,1,1,1,1)$	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}1&1&1\\1&1&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&1\\0&0&0\end{smallmatrix}\middle\vert 0\right)$
			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}2&1&2&1\\0&1&0&1\end{smallmatrix}\middle\vert\begin{smallmatrix}1&1&1&1\\0&0&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index ≥ 3

ID	$X \subset \mathbb{P}$, basket	index	N	Format	Weights
41058	$X \subset \mathbb{P}(2,3,4,5,6,7,7,8)$	3	0	None	
	$5 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,3,3),\ \frac{1}{7}(1,3,6)$				
41063	$X \subset \mathbb{P}(2,3,3,4,4,5,5,7)$	3	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3\\0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}7\\-3\end{smallmatrix}\middle\vert 0\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{4}(1,3,3),\ \frac{1}{7}(2,3,5)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&4&11&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
41100	$X \subset \mathbb{P}(1,3,5,7,8,9,10,11)$	3	2	C_2	$\left(\begin{smallmatrix}7&9&11\\7&6&8\end{smallmatrix}\middle\vert\begin{smallmatrix}9&5&10\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{5}(2,3,3),\ \frac{1}{11}(1,3,10)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&8&19&11\\0&6&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&5&9&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
41111	$X \subset \mathbb{P}(1,2,3,4,5,6,7,8)$	3	2	C_2	$\left(\begin{smallmatrix}4&6&8\\4&3&5\end{smallmatrix}\middle\vert\begin{smallmatrix}6&2&7\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{8}(1,3,7)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&13&8\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6&7\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
41116	$X \subset \mathbb{P}(1,2,3,3,4,5,5,7)$	3	1	C_2	$\left(\begin{smallmatrix}3&5&7\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&6&0\end{smallmatrix}\middle\vert 3\right)$
	$\frac{1}{5}(1,3,4),\ \frac{1}{7}(2,3,5)$				
41124	$X \subset \mathbb{P}(1,2,3,3,4,4,5,5)$	3	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}3&4&5\\3&4&5\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2\\0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}6\\-3\end{smallmatrix}\middle\vert 0\right)$
	$2 \times \frac{1}{2}(1,1,1),\ 2 \times \frac{1}{5}(1,3,4)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&7&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&3&4&3\\0&3&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$

Codimension 4 Fano 3-folds of index ≥ 3

ID	$X \subset \mathbb{P}$, basket	index	N	Format	Weights
41199	$X \subset \mathbb{P}(1,1,2,2,3,3,5,7)$	3	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&1&8&7\\0&3&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&3&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
	$\frac{1}{7}(2,3,5)$				
41200	$X \subset \mathbb{P}(1,1,2,2,3,3,4,5)$	3	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}2&3&4\\2&3&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&5\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,3,4)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}4&2&7&5\\0&2&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&3&4\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
41218	$X \subset \mathbb{P}(1,1,2,2,2,3,3,4)$	3	2	C_2	$\left(\begin{smallmatrix}2&2&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&3\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{4}(1,3,3)$			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}3&2&7&3\\0&2&0&3\end{smallmatrix}\middle\vert\begin{smallmatrix}2&1&3&4\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
41245	$X \subset \mathbb{P}(1,1,1,2,2,3,4,5)$	3	0	None	
	$\frac{1}{2}(1,1,1),\ \frac{1}{5}(1,3,4)$				
41263	$X \subset \mathbb{P}(1,1,1,1,2,3,4,5)$	3	0	None	
	$\frac{1}{5}(1,3,4)$				
41297	$X \subset \mathbb{P}(2,3,3,4,4,5,5,5)$	4	1	C_2	$\left(\begin{smallmatrix}5&5&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&4&4\\2&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\3\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ 3 \times \frac{1}{5}(2,3,4)$				
41334	$X \subset \mathbb{P}(1,2,3,3,3,4,4,5)$	4	2	C_2	$\left(\begin{smallmatrix}3&3&5\\3&3&3\end{smallmatrix}\middle\vert\begin{smallmatrix}4&2&4\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$3 \times \frac{1}{3}(1,1,2),\ \frac{1}{5}(1,4,4)$			$(\mathbb{P}^1)^3$	$\left(\begin{smallmatrix}5&3&9&4\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}3&2&4&5\\0&2&0&-2\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
41372	$X \subset \mathbb{P}(1,1,2,2,3,4,5,7)$	4	1	C_2	$\left(\begin{smallmatrix}1&3&7\\4&3&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&5\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$\frac{1}{7}(2,4,5)$				
41373	$X \subset \mathbb{P}(1,1,2,2,3,3,4,5)$	4	1	C_2	$\left(\begin{smallmatrix}1&3&5\\3&2&2\end{smallmatrix}\middle\vert\begin{smallmatrix}3&1&4\\0&2&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\1\end{smallmatrix}\right)$
	$\frac{1}{3}(1,1,2),\ \frac{1}{5}(2,3,4)$				
41390	$X \subset \mathbb{P}(1,1,1,2,2,3,4,5)$	4	0	None	
	$\frac{1}{5}(2,3,4)$				
41418	$X \subset \mathbb{P}(1,3,4,4,5,5,6,7)$	5	2	$\mathbb{P}^2 \times \mathbb{P}^2$	$\left(\begin{smallmatrix}4&5&6\\4&5&6\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&7\\0&3&-3\end{smallmatrix}\middle\vert\begin{smallmatrix}0\\0\end{smallmatrix}\right)$
	$2 \times \frac{1}{4}(1,1,3),\ \frac{1}{7}(1,5,6)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}8&4&11&7\\0&4&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&3&5&6\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
41448	$X \subset \mathbb{P}(1,1,2,3,3,4,5,7)$	5	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}5&1&8&7\\0&3&0&2\end{smallmatrix}\middle\vert\begin{smallmatrix}4&1&3&5\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
	$\frac{1}{7}(3,4,5)$				
41464	$X \subset \mathbb{P}(1,5,6,7,8,9,10,11)$	6	2	C_2	$\left(\begin{smallmatrix}7&9&11\\7&6&8\end{smallmatrix}\middle\vert\begin{smallmatrix}9&5&10\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\0\end{smallmatrix}\right)$
	$\frac{1}{5}(1,2,3),\ \frac{1}{11}(1,6,10)$			$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}13&8&19&11\\0&6&0&7\end{smallmatrix}\middle\vert\begin{smallmatrix}8&5&9&10\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
41466	$X \subset \mathbb{P}(1,2,3,4,5,5,6,7)$	6	1	C_2	$\left(\begin{smallmatrix}3&5&7\\3&2&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&1&6\\0&6&0\end{smallmatrix}\middle\vert\begin{smallmatrix}3\\3\end{smallmatrix}\right)$
	$\frac{1}{5}(1,1,4),\ \frac{1}{7}(2,5,6)$				
41470	$X \subset \mathbb{P}(1,1,2,2,3,5,6,7)$	6	0	None	
	$\frac{1}{7}(2,5,6)$				
41475	$X \subset \mathbb{P}(2,3,4,5,5,6,7,8)$	7	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}7&5&13&8\\0&3&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}5&2&6&7\\0&6&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}2\\4\end{smallmatrix}\right)$
	$3 \times \frac{1}{2}(1,1,1),\ \frac{1}{5}(1,2,4),\ \frac{1}{8}(3,5,7)$				
41476	$X \subset \mathbb{P}(2,3,3,4,5,7,8,11)$	7	1	$\mathsf{G}_2^{(4)}$	$\left(\begin{smallmatrix}10&2&13&11\\0&6&0&4\end{smallmatrix}\middle\vert\begin{smallmatrix}7&3&5&8\\0&3&0&0\end{smallmatrix}\middle\vert\begin{smallmatrix}1\\2\end{smallmatrix}\right)$
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{3}(1,1,2),\ \frac{1}{11}(3,7,8)$				
41490	$X \subset \mathbb{P}(1,2,2,3,3,5,7,8)$	7	0	None	
	$2 \times \frac{1}{2}(1,1,1),\ \frac{1}{8}(3,5,7)$				